Enabler Test Specification for WML Script Standard Libraries
Approved Version, 18th November-2004

Open Mobile Alliance
OMA-ETS-WMLStdLib-20041118-A

Contents

1. Scope

This document describes test cases for OMA WMLScript Standard Libraries version 25 September 2000.

2. References

2.1. Normative References

[WMLStdLib]	"WMLScript Standard Libraries Specification", Open Mobile Alliance™. WAP-194-WMLSL. URL:http://www.openmobilealliance.org/
[VSWAP 2.0]	Compliance test suite for WAP 2.0 testing URL: http://member.openmobilealliance.org/ftp/iop/iop-Browsing/gen_info/IOP-Browsing-Test-Suite.shtml
[TestEnv]	Browsing 2.2 Test Environment URL:http://www.openmobilealliance.org/
[RFC2119]	"Key words for use in RFCs to Indicate Requirement Levels". S. Bradner. March 1997. URL:http://www.ietf.org/rfc/rfc2119.txt

2.2. Informative References

3. Terminology and Conventions

3.1. Conventions

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except "Scope" and "Introduction", are normative, unless they are explicitly indicated to be informative.

The following numbering scheme is used:

xxx-y.z-con-number where:
xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
con	Indicating this test is a conformance test case
number	Leap number for the test case

Or

xxx-y.z-int-number where:
xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
int	Indicating this test is a interoperability test case
number	Leapnumber for the test case

3.2. Definitions

None.

3.3. Abbreviations

ETR	Enabler Test Requirements
ETS	Enabler Test Specification
WML	Wireless Markup Language
SCR	Static Conformance Statement

4. Introduction

The purpose of this document is to provide test cases for OMA WMLScript Standard Libraries 25 September 2000 [WMLStdLib].

5. Conformance and Inter-operability Test Cases

5.1. Lang

5.1.1. abs

Test Case ID	WMLSLib-con-1
Test Object	Client and Gateway
Test Case Assertion	When the Lang.abs function is called with a value as its argument, it returns the absolute value of that argument.
Specification Reference	[WMLStdLib] Section 7.1
SCR Reference	WMLSSL-031
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/abs/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-2
Test Object	Client and Gateway
Test Case Assertion	When the Lang.abs function is called with an integer as its argument, it returns an integer type reflecting the absolute value of the argument.
Specification Reference	[WMLStdLib] Section 7.1
SCR Reference	WMLSSL-031
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/abs/2
Execution Type	Automatic

Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-3
Test Object	Client and Gateway
Test Case Assertion	When the Lang.abs function is called with a floating-point value as its argument, it returns a floating-point type reflecting the absolute value of the argument.
Specification Reference	[WMLStdLib] Section 7.1
SCR Reference	WMLSSL-031
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/abs/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-4
Test Object	Client and Gateway
Test Case Assertion	When the Lang.abs function is called with an argument that is not of type integer or floating-point, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.1
SCR Reference	WMLSSL-031
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/abs/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of

	the test suite indicates that the test case has passed.

5.1.2. min

Test Case ID	WMLSLib-con-5
Test Object	Client and Gateway
Test Case Assertion	When the Lang.min function is called with two values as arguments, it returns the smaller of the two values.
Specification Reference	[WMLStdLib] Section 7.2
SCR Reference	WMLSSL-032
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/min/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-6
Test Object	Client and Gateway
Test Case Assertion	When the Lang.min function is called with two values as arguments, and the two values are equal, the first value is returned.
Specification Reference	[WMLStdLib] Section 7.2
SCR Reference	WMLSSL-032
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/min/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of

	the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-7
Test Object	Client and Gateway
Test Case Assertion	When the Lang.min function is called with any non-value argument(s), it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.2
SCR Reference	WMLSSL-032
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/min/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-8
Test Object	Client and Gateway
Test Case Assertion	The value and type returned by the Lang.min function must be the va value of the smallest value and of type 'integer' when that value is an integer.
Specification Reference	[WMLStdLib] Section 7.2
SCR Reference	WMLSSL-032
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/min/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-9
Test Object	Client and Gateway
Test Case Assertion	The value and type returned by the Lang.min function must be the va value of the smallest value and of type 'floating point' when that value is a floating point.
Specification Reference	[WMLScript] Section 7.2
SCR Reference	WMLSSL-032
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/min/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.3. max

Test Case ID	WMLSLib-con-10
Test Object	Client and Gateway
Test Case Assertion	When the Lang.max function is called with two values as arguments, it returns the larger of the two values.
Specification Reference	[WMLStdLib] Section 7.3
SCR Reference	WMLSSL-033
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/max/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-11
Test Object	Client and Gateway
Test Case Assertion	When the Lang.max function is called with two values as arguments, and the two values are equal, the first value is returned.
Specification Reference	[WMLStdLib] Section 7.3
SCR Reference	WMLSSL-033
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/max/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-12
Test Object	Client and Gateway
Test Case Assertion	When the Lang.max function is called with any non-value argument(s), it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.3
SCR Reference	WMLSSL-033
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/max/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-13

Test Object	Client and Gateway
Test Case Assertion	The value and type returned by the Lang.max function must be the value of the largest value and of type 'integer' when that value is an integer.
Specification Reference	[WMLStdLib] Section 7.3
SCR Reference	WMLSSL-033
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/max/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-14
Test Object	Client and Gateway
Test Case Assertion	The value and type returned by the Lang.max function must be the value of the largest value and of type 'floating point' when that value is a floating point.
Specification Reference	[WMLStdLib] Section 7.3
SCR Reference	WMLSSL-033
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/max/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.4. parseInt

Test Case ID	WMLSLib-con-15

Test Object	Client and Gateway
Test Case Assertion	When the Lang.parseInt function is called with a string as an argument, it returns an integer reflecting the value of the contents of the string from its beginning up to the first character that is not '+', '-', or a decimal digit.
Specification Reference	[WMLStdLib] Section 7.4
SCR Reference	WMLSSL-034
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/parseint/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-16
Test Object	Client and Gateway
Test Case Assertion	When the Lang.parseInt function is called with a string as an argument, and that string does not contain the representation of an integer at its beginning, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.4
SCR Reference	WMLSSL-034
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/parseint/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-17

Test Object	Client and Gateway
Test Case Assertion	When the Lang.parseInt function detects an error when parsing its input argument, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.4
SCR Reference	WMLSSL-034
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/parseint/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.5. parseFloat

Test Case ID	WMLSLib-con-18
Test Object	Client and Gateway
Test Case Assertion	When the Lang.parseFloat function is called with a string as an argument, it returns a floating-point value reflecting the value of the contents of the string from its beginning up to the first character that is not a legal part of a floating-point representation.
Specification Reference	[WMLStdLib] Section 7.5
SCR Reference	WMLSSL-035
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/parsefloat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-19
Test Object	Client and Gateway
Test Case Assertion	When the Lang.parseFloat function is called with a string as an argument, and that string contains no floating-point value representation, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.5
SCR Reference	WMLSSL-035
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/parsefloat/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-20
Test Object	Client and Gateway
Test Case Assertion	When the Lang.parseFloat function detects an error when parsing its input argument, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.5
SCR Reference	WMLSSL-035
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/parsefloat/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.6. isInt

Test Case ID	WMLSLib-con-21
Test Object	Client and Gateway
Test Case Assertion	When the Lang.isInt function is called with an object, it returns a boolean indicating whether the object can be converted to type integer.
Specification Reference	[WMLStdLib] Section 7.6
SCR Reference	WMLSSL-036
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/isint/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-22
Test Object	Client and Gateway
Test Case Assertion	When the Lang.isInt function is called with an object of type invalid, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.6
SCR Reference	WMLSSL-036
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/isint/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.7. isFloat

Test Case ID	WMLSLib-con-23
Test Object	Client and Gateway
Test Case Assertion	When the Lang.isFloat function is called with an object, it returns a boolean indicating whether the object can be converted to type floating-point.
Specification Reference	[WMLStdLib] Section 7.7
SCR Reference	WMLSSL-037
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/isfloat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-24
Test Object	Client and Gateway
Test Case Assertion	When the Lang.isFloat function is called with an object of type invalid, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.7
SCR Reference	WMLSSL-037
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/isfloat/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.8. maxInt

Test Case ID	WMLSLib-con-25
Test Object	Client and Gateway
Test Case Assertion	When the Lang.maxInt function is called, it returns the largest integer value that can be represented (2147483647).
Specification Reference	[WMLStdLib] Section 7.8
SCR Reference	WMLSSL-038
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/maxint/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.9. minInt

Test Case ID	WMLSLib-con-26
Test Object	Client and Gateway
Test Case Assertion	When the Lang.minInt function is called, it returns the smallest integer value that can be represented (-2147483648).
Specification Reference	[WMLStdLib] Section 7.9
SCR Reference	WMLSSL-039
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/minint/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.10. float

Test Case ID	WMLSLib-con-27
Test Object	Client and Gateway
Test Case Assertion	When the Lang.float function is called, it returns true if floating point operations are supported.
Specification Reference	[WMLStdLib] Section 7.10
SCR Reference	WMLSSL-040
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/float/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.11. random

Test Case ID	WMLSLib-con-28
Test Object	Client and Gateway
Test Case Assertion	When the Lang.random function is called with a value as the parameter, it returns an integer value that is greater than or equal to 0 but less than or equal to the value of the parameter.
Specification Reference	[WMLStdLib] Section 7.13
SCR Reference	WMLSSL-043
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/random/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-29
Test Object	Client and Gateway
Test Case Assertion	When the Lang.random function is called with a non-value as the parameter, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.13
SCR Reference	WMLSSL-043
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/random/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-30
Test Object	Client and Gateway
Test Case Assertion	When the Lang.random function is called with a value of zero, it returns zero.
Specification Reference	[WMLStdLib] Section 7.13
SCR Reference	WMLSSL-043
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/random/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-31

Test Object	Client and Gateway
Test Case Assertion	When the Lang.random function is called with a negative value, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 7.13
SCR Reference	WMLSSL-043
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/random/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-32
Test Object	Client and Gateway
Test Case Assertion	When the Lang.random function is called with a floating point value as the parameter, it returns an integer value that is greater than or equal to 0 but less than or equal to the value of the parameter.
Specification Reference	[WMLStdLib] Section 7.13
SCR Reference	WMLSSL-043
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/random/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.12. seed

Test Case ID	WMLSLib-con-33

Test Object	Client and Gateway
Test Case Assertion	When the Lang.seed function is called with an integer as the parameter, it initializes the pseudo-random sequence using that integer and returns the empty string.
Specification Reference	[WMLStdLib] Section 7.14
SCR Reference	WMLSSL-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/seed/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-34
Test Object	Client and Gateway
Test Case Assertion	When the Lang.seed function is called with a floating-point value as the parameter, it first converts the value to an integer and then initializes the pseudo-random sequence using that integer and returns the empty string.
Specification Reference	[WMLStdLib] Section 7.14
SCR Reference	WMLSSL-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/seed/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-35

Test Object	Client and Gateway
Test Case Assertion	When the Lang.seed function is called with a non-numeric value as the parameter, invalid must be returned.
Specification Reference	[WMLStdLib] Section 7.14
SCR Reference	WMLSSL-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/seed/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-36
Test Object	Client and Gateway
Test Case Assertion	When a seed value of greater than or equal to zero is used, a repeatable sequence of pseudo-random numbers must be produced.
Specification Reference	[WMLStdLib] Section 7.14
SCR Reference	WMLSSL-044
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/seed/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.1.13. characterSet

Test Case ID	WMLSLib-con-37

Test Object	Client and Gateway
Test Case Assertion	When the Lang.characterSet function is called, it returns an IANA-assigned integer representing the character set supported by the WMLScript Interpreter.
Specification Reference	[WMLStdLib] Section 7.15
SCR Reference	WMLSSL-045
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/lang/charset/1
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2. Float

5.2.1. Int

Test Case ID	WMLSLib-con-38
Test Object	Client and Gateway
Test Case Assertion	When the Float.int function is called with a number, it returns the integer portion of that number.
Specification Reference	[WMLStdLib] Section 8.1
SCR Reference	WMLSSL-047
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/int/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-39
Test Object	Client and Gateway
Test Case Assertion	When the Float.int function is called with a non-number, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 8.1
SCR Reference	WMLSSL-047
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/int/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-40
Test Object	Client and Gateway
Test Case Assertion	When the Float.int function is called with an integer, the result is that integer.
Specification Reference	[WMLStdLib] Section 8.1
SCR Reference	WMLSSL-047
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/int/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2.2. Floor

Test Case ID	WMLSLib-con-41

Test Object	Client and Gateway
Test Case Assertion	When the Float.floor function is called with a number, it returns the greatest integer value that is not greater than the given number.
Specification Reference	[WMLStdLib] Section 8.2
SCR Reference	WMLSSL-048
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/floor/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-42
Test Object	Client and Gateway
Test Case Assertion	When the Float.floor function is called with a non-number, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 8.2
SCR Reference	WMLSSL-048
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/floor/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-43
Test Object	Client and Gateway

Test Case Assertion	When the Float.floor function is called with an integer, it returns that integer.
Specification Reference	[WMLStdLib] Section 8.2
SCR Reference	WMLSSL-048
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/floor/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2.3. Ceil

Test Case ID	WMLSLib-con-44
Test Object	Client and Gateway
Test Case Assertion	When the Float.ceil function is called with a number, it returns the smallest integer value that is not less than the given number.
Specification Reference	[WMLStdLib] Section 8.3
SCR Reference	WMLSSL-049
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/ceil/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-45
Test Object	Client and Gateway
Test Case Assertion	When the Float.ceil function is called with a non-number, it returns 'invalid'.

Specification Reference	[WMLStdLib] Section 8.3
SCR Reference	WMLSSL-049
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/ceil/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-46
Test Object	Client and Gateway
Test Case Assertion	When the Float.ceil function is called with an integer, it returns that integer.
Specification Reference	[WMLStdLib] Section 8.3
SCR Reference	WMLSSL-049
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/ceil/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2.4. pow

Test Case ID	WMLSLib-con-47
Test Object	Client and Gateway
Test Case Assertion	When the Float.pow function is called with two numbers val1 and val2, it returns the floating point result of raising val1 to the val2 power.
Specification Reference	[WMLStdLib] Section 8.4

SCR Reference	WMLSSL-050
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/pow/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-48
Test Object	Client and Gateway
Test Case Assertion	When the Float.pow function is called with two numbers val1 and val2, and val1 = 0 and val2 is less than 0, then the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 8.4
SCR Reference	WMLSSL-050
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/pow/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-49
Test Object	Client and Gateway
Test Case Assertion	When the Float.pow function is called with two numbers val1 and val2, and val1 is less than 0 and val2 is not an integer, then the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 8.4
SCR Reference	WMLSSL-050

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/pow/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-50
Test Object	Client and Gateway
Test Case Assertion	When the Float.pow function is called with either parameter not a number, then the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 8.4
SCR Reference	WMLSSL-050
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/pow/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2.5. round

Test Case ID	WMLSLib-con-51
Test Object	Client and Gateway
Test Case Assertion	When the Float.round function is called with a number val1, it returns the number value that is closest to val1 and is equal to an integer.
Specification Reference	[WMLStdLib] Section 8.5
SCR Reference	WMLSSL-051

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/round/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-52
Test Object	Client and Gateway
Test Case Assertion	When the Float.round function is called with a number val1, and that number is equally close to two integer values, the function returns the larger number value.
Specification Reference	[WMLStdLib] Section 8.5
SCR Reference	WMLSSL-051
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/round/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-53
Test Object	Client and Gateway
Test Case Assertion	When the Float.round function is called with a number val1, and that number is already an integer, the function returns that number.
Specification Reference	[WMLStdLib] Section 8.5
SCR Reference	WMLSSL-051
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/round/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-54
Test Object	Client and Gateway
Test Case Assertion	When the Float.round function is called with a non-number val1, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 8.5
SCR Reference	WMLSSL-051
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/round/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2.6. sqrt

Test Case ID	WMLSLib-con-55
Test Object	Client and Gateway
Test Case Assertion	When the Float.sqrt function is called with a number val1, the function returns the square-root of val1.
Specification Reference	[WMLStdLib] Section 8.6
SCR Reference	WMLSSL-052
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/sqrt/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-56
Test Object	Client and Gateway
Test Case Assertion	When the Float.sqrt function is called with a number val1, and that number is less than zero, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 8.6
SCR Reference	WMLSSL-052
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/sqrt/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2.7. maxFloat

Test Case ID	WMLSLib-con-57
Test Object	Client and Gateway
Test Case Assertion	When the Float.maxFloat function is called, it returns the maximum floating point value supported (3.40282347E+38).
Specification Reference	[WMLStdLib] Section 8.7
SCR Reference	WMLSSL-053
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/maxfloat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.2.8. minFloat

Test Case ID	WMLSLib-con-58
Test Object	Client and Gateway
Test Case Assertion	When the Float.minFloat function is called, it returns the smallest non-zero floating point value supported (1.17549435E-38 or smaller).
Specification Reference	[WMLStdLib] Section 8.8
SCR Reference	WMLSSL-054
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/float/minfloat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3. String

5.3.1. length

Test Case ID	WMLSLib-con-59
Test Object	Client and Gateway
Test Case Assertion	When the String.length function is called with a string parameter String, it returns the length of that String in characters.
Specification Reference	[WMLStdLib] Section 9.1

SCR Reference	WMLSSL-055
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/length/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-60
Test Object	Client and Gateway
Test Case Assertion	When the String.length function is called with a non-string parameter String, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.1
SCR Reference	WMLSSL-055
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/length/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.2. isEmpty

Test Case ID	WMLSLib-con-61
Test Object	Client and Gateway
Test Case Assertion	When the String.isEmpty function is called with a string parameter String, it returns true if the string is of zero length, and false otherwise.
Specification Reference	[WMLStdLib] Section 9.2

SCR Reference	WMLSSL-056
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/isempty/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-62
Test Object	Client and Gateway
Test Case Assertion	When the String.isEmpty function is called with a non-string parameter, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.2
SCR Reference	WMLSSL-056
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/isempty/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.3. charAt

Test Case ID	WMLSLib-con-63
Test Object	Client and Gateway
Test Case Assertion	When the String.charAt function is called with a string parameter String and a number parameter Index, it returns a string of length one reflecting the character at position Index within string String.
Specification Reference	[WMLStdLib] Section 9.3

SCR Reference	WMLSSL-057
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/charat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-64
Test Object	Client and Gateway
Test Case Assertion	When the String.charAt function is called with a string parameter String and a number parameter Index, and the Index is a floating-point value, it is converted to an integer. Then the function returns a string of length one reflecting the character at position Index within string String.
Specification Reference	[WMLStdLib] Section 9.3
SCR Reference	WMLSSL-057
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/charat/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-65
Test Object	Client and Gateway
Test Case Assertion	When the String.charAt function is called with a string parameter String and a number parameter Index, and the Index value is out of range, the function returns an empty string.
Specification Reference	[WMLStdLib] Section 9.3

SCR Reference	WMLSSL-057
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/charat/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-66
Test Object	Client and Gateway
Test Case Assertion	When the String.charAt function is called with a non-string parameter String or a non-number parameter Index, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.3
SCR Reference	WMLSSL-057
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/charat/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.4. substring

Test Case ID	WMLSLib-con-67
Test Object	Client and Gateway
Test Case Assertion	When the String.subString function is called with parameters string String, number StartIndex, and number Length, the function returns a string reflecting the portion of String beginning at StartIndex and continuing for

	Length characters.
Specification Reference	[WMLStdLib] Section 9.4
SCR Reference	WMLSSL-058
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/substring/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-68
Test Object	Client and Gateway
Test Case Assertion	When the String.subString function is called with parameters string String, number StartIndex, and number Length, and StartIndex is less than zero, the function returns a string reflecting the portion of String beginning at position zero and continuing for Length characters.
Specification Reference	[WMLStdLib] Section 9.4
SCR Reference	WMLSSL-058
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/substring/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-69
Test Object	Client and Gateway
Test Case Assertion	When the String.subString function is called with parameters string String, number StartIndex, and number Length, and StartIndex is larger than the last

	index of String, the function returns the empty string.
Specification Reference	[WMLStdLib] Section 9.4
SCR Reference	WMLSSL-058
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/substring/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-70
Test Object	Client and Gateway
Test Case Assertion	When the String.subString function is called with parameters string String, number StartIndex, and number Length, and Length is larger than the remaining number of characters in String, Length is replaced with the number of remaining characters.
Specification Reference	[WMLStdLib] Section 9.4
SCR Reference	WMLSSL-058
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/substring/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-71
Test Object	Client and Gateway
Test Case Assertion	When the String.subString function is called with parameters string String, number StartIndex, and number Length, and Length less than or equal to

	zero, the function returns an empty string.
Specification Reference	[WMLStdLib] Section 9.4
SCR Reference	WMLSSL-058
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/substring/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-72
Test Object	Client and Gateway
Test Case Assertion	When the String.subString function is called with parameters string String, number StartIndex, and number Length, and either StartIndex or Length or of type floating-point, they are converted to integers. Then the function returns a string starting at the StartIndex-th position of String and continuing for Length characters.
Specification Reference	[WMLStdLib] Section 9.4
SCR Reference	WMLSSL-058
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/substring/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-73
Test Object	Client and Gateway
Test Case Assertion	When the String.subString function is called with parameters non-string

	String, non-number StartIndex, or non-number Length, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.4
SCR Reference	WMLSSL-058
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/substring/7
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.5. find

Test Case ID	WMLSLib-con-74
Test Object	Client and Gateway
Test Case Assertion	When the String.find function is called with parameters string String and string SubString, it returns an integer reflecting the index of the first character in String that identically matches the case and encoding of the requested SubString.
Specification Reference	[WMLStdLib] Section 9.5
SCR Reference	WMLSSL-059
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/find/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-75

Test Object	Client and Gateway
Test Case Assertion	When the String.find function is called with parameters string String and string SubString, and the SubString does not occur within String, the function returns -1.
Specification Reference	[WMLStdLib] Section 9.5
SCR Reference	WMLSSL-059
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/find/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-76
Test Object	Client and Gateway
Test Case Assertion	When the String.find function is called with parameters string String and string SubString, and the SubString is an empty string, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.5
SCR Reference	WMLSSL-059
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/find/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.6. replace

Test Case ID	WMLSLib-con-77
Test Object	Client and Gateway
Test Case Assertion	When the String.replace function is called with parameters string String, string OldSubString, and string NewSubString, it returns an updated version of String in which all substrings that identically match the case and encoding of OldSubString are replaced with NewSubString.
Specification Reference	[WMLStdLib] Section 9.6
SCR Reference	WMLSSL-060
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replace/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-78
Test Object	Client and Gateway
Test Case Assertion	When the String.replace function is called with parameters string String, string OldSubString, and string NewSubString, and OldSubString is an empty string. The String.replace function returns invalid.
Specification Reference	[WMLStdLib] Section 9.6
SCR Reference	WMLSSL-060
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replace/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.7. elements

Test Case ID	WMLSLib-con-79
Test Object	Client and Gateway
Test Case Assertion	When the String.elements function is called with parameters string String and string Separator, it returns an Integer reflecting the number of elements in String that are separated by the first character of the string Separator.
Specification Reference	[WMLStdLib] Section 9.7
SCR Reference	WMLSSL-061
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elements/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-80
Test Object	Client and Gateway
Test Case Assertion	When the String.elements function is called with parameters string String, and string Separator, and Separator is an empty string, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.7
SCR Reference	WMLSSL-061
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elements/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of

	the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-81
Test Object	Client and Gateway
Test Case Assertion	When the String.elements function is called with parameters string String and string Separator, where String is an empty string, it returns 1 (because an empty string is still a valid element).
Specification Reference	[WMLStdLib] Section 9.7
SCR Reference	WMLSSL-061
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elements/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.8. elementAt

Test Case ID	WMLSLib-con-82
Test Object	Client and Gateway
Test Case Assertion	When the String.elementAt function is called with parameters string String, number Index, and string Separator, it returns a string reflecting Index-th element of String, where elements are separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.8
SCR Reference	WMLSSL-062
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elementat/1

Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-83
Test Object	Client and Gateway
Test Case Assertion	When the String.elementAt function is called with parameters string String, number Index, and string Separator, and Index is less than zero, it returns a string reflecting the first element of String, where the elements is separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.8
SCR Reference	WMLSSL-062
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elementat/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-84
Test Object	Client and Gateway
Test Case Assertion	When the String.elementAt function is called with parameters string String, number Index, and string Separator, and Index is larger than the number of elements in String, it returns a string reflecting the last element of String, where element is separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.8
SCR Reference	WMLSSL-062
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elementat/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-85
Test Object	Client and Gateway
Test Case Assertion	When the String.elementAt function is called with parameters string String, number Index, and string Separator, and String is an empty string, then an empty string is returned.
Specification Reference	[WMLStdLib] Section 9.8
SCR Reference	WMLSSL-062
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elementat/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-86
Test Object	Client and Gateway
Test Case Assertion	When the String.elementAt function is called with parameters string String, number Index, and string Separator, and Separator is an empty string, then the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.8
SCR Reference	WMLSSL-062
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elementat/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-87
Test Object	Client and Gateway
Test Case Assertion	When the String.elementAt function is called with parameters string String, number Index, and string Separator, and Index is of type floating-point, then it is first converted to a type integer. Then the function returns a string reflecting the Index-th element of String, where elements are separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.8
SCR Reference	WMLSSL-062
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/elementat/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.9. removeAt

Test Case ID	WMLSLib-con-88
Test Object	Client and Gateway
Test Case Assertion	When the String.removeAt function is called with parameters string String, number Index, and string Separator, it returns a string where the Index-th element and separator have been removed, where elements are separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.9
SCR Reference	WMLSSL-063
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/removeat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-89
Test Object	Client and Gateway
Test Case Assertion	When the String.removeAt function is called with parameters string String, number Index, and string Separator, and Index is less than 0, it returns a string where the first element and separator have been removed, where elements are separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.9
SCR Reference	WMLSSL-063
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/removeat/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-90
Test Object	Client and Gateway
Test Case Assertion	When the String.removeAt function is called with parameters string String, number Index, and string Separator, and Index is larger than the number of elements, it returns a string where the last element and separator have been removed, where elements are separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.9
SCR Reference	WMLSSL-063

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/removeat/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-91
Test Object	Client and Gateway
Test Case Assertion	When the String.removeAt function is called with parameters string String, number Index, and string Separator, and String is empty, the function returns an empty string.
Specification Reference	[WMLStdLib] Section 9.9
SCR Reference	WMLSSL-063
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/removeat/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-92
Test Object	Client and Gateway
Test Case Assertion	When the String.removeAt function is called with parameters string String, number Index, and string Separator, and Separator is an empty string, then the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.9
SCR Reference	WMLSSL-063

Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/removeat/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-93
Test Object	Client and Gateway
Test Case Assertion	When the String.removeAt function is called with parameters string String, number Index, and string Separator, and Index is of type floating-point, then it is first converted to a type integer. Then the function returns a string reflecting the removal of the Index-th element of String, where elements are separated by the first character of Separator.
Specification Reference	[WMLStdLib] Section 9.9
SCR Reference	WMLSSL-063
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/removeat/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.10. replaceAt

Test Case ID	WMLSLib-con-94
Test Object	Client and Gateway
Test Case Assertion	When the String.replaceAt function is called with parameters string String, string Element, number Index, and string Separator, it returns a string where the Index-th element is replaced with the contents of Element (where elements are separated by the first character of Separator).

Specification Reference	[WMLStdLib] Section 9.10
SCR Reference	WMLSSL-064
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replaceat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-95
Test Object	Client and Gateway
Test Case Assertion	When the String.replaceAt function is called with parameters string String, string Element, number Index, and string Separator, and Index is less than zero, it returns a string where the first element is replaced with the contents of Element (where elements are separated by the first character of Separator).
Specification Reference	[WMLStdLib] Section 9.10
SCR Reference	WMLSSL-064
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replaceat/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-96
Test Object	Client and Gateway
Test Case Assertion	When the String.replaceAt function is called with parameters string String, string Element, number Index, and string Separator, and Index is larger than the number of elements, it returns a string where the last element is replaced

	with the contents of Element (where elements are separated by the first character of Separator).
Specification Reference	[WMLStdLib] Section 9.10
SCR Reference	WMLSSL-064
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replaceat/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-97
Test Object	Client and Gateway
Test Case Assertion	When the String.replaceAt function is called with parameters string String, string Element, number Index, and string Separator, and String is empty the function returns a new string with the given Element.
Specification Reference	[WMLStdLib] Section 9.10
SCR Reference	WMLSSL-064
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replaceat/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-98
Test Object	Client and Gateway
Test Case Assertion	When the String.replaceAt function is called with parameters string String, string Element, number Index, and string Separator, and Index is of type

	floating-point, Index is first converted to an integer. Then the function returns a string in which the Index-th element is replaced with the contents of Element.
Specification Reference	[WMLStdLib] Section 9.10
SCR Reference	WMLSSL-064
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replaceat/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-99
Test Object	Client and Gateway
Test Case Assertion	When the String.replaceAt function is called with parameters string String, string Element, number Index, and string Separator, and Separator is an empty string, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.10
SCR Reference	WMLSSL-064
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/replaceat/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.11. inserAt

Test Case ID	WMLSLib-con-100

Test Object	Client and Gateway
Test Case Assertion	When the String.insertAt function is called with parameters string String, string Element, number Index, and string Separator, it returns a string where the string Element and a Separator are inserted at the Index-th element (where elements are separated by the first character of Separator).
Specification Reference	[WMLStdLib] Section 9.11
SCR Reference	WMLSSL-065
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/insertat/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-101
Test Object	Client and Gateway
Test Case Assertion	When the String.insertAt function is called with parameters string String, string Element, number Index, and string Separator, and Index is less than zero, it returns a string where the Element and a Separator are inserted prior to the first element (where elements are separated by the first character of Separator).
Specification Reference	[WMLStdLib] Section 9.11
SCR Reference	WMLSSL-065
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/insertat/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-102
Test Object	Client and Gateway
Test Case Assertion	When the String.insertAt function is called with parameters string String, string Element, number Index, and string Separator, and Index is larger than the number of elements, it returns a string where Element and a Separator are appended at the end of the String (where elements are separated by the first character of Separator).
Specification Reference	[WMLStdLib] Section 9.11
SCR Reference	WMLSSL-065
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/insertat/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-103
Test Object	Client and Gateway
Test Case Assertion	When the String.insertAt function is called with parameters string String, string Element, number Index, and string Separator, and String is empty the function returns a string containing only Element.
Specification Reference	[WMLStdLib] Section 9.11
SCR Reference	WMLSSL-065
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/insertat/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-104
Test Object	Client and Gateway
Test Case Assertion	When the String.insertAt function is called with parameters string String, string Element, number Index, and string Separator, and Index is of type floating-point, Index is first converted to an integer. Then the function returns a string in which Element and a Separator are inserted at the Index-th element of String.
Specification Reference	[WMLStdLib] Section 9.11
SCR Reference	WMLSSL-065
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/insertat/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-105
Test Object	Client and Gateway
Test Case Assertion	When the String.insertAt function is called with parameters string String, string Element, number Index, and string Separator, and Separator is an empty string, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.11
SCR Reference	WMLSSL-065
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/insertat/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.12. squeeze

Test Case ID	WMLSLib-con-106
Test Object	Client and Gateway
Test Case Assertion	When the String.squeeze function is called with parameter string String, it returns a string where all consecutive series of white space characters are reduced to a single white space character.
Specification Reference	[WMLStdLib] Section 9.12
SCR Reference	WMLSSL-066
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/squeeze/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-107
Test Object	Client and Gateway
Test Case Assertion	When the String.squeeze function is called with a parameter 'invalid', it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.12
SCR Reference	WMLSSL-066
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/squeeze/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.13. trim

Test Case ID	WMLSLib-con-108
Test Object	Client and Gateway
Test Case Assertion	When the String.trim function is called with parameter string String, it returns a string where all trailing and leading white space characters have been removed.
Specification Reference	[WMLStdLib] Section 9.13
SCR Reference	WMLSSL-067
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/trim/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-109
Test Object	Client and Gateway
Test Case Assertion	When the String.trim function is called with a parameter 'invalid', it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.13
SCR Reference	WMLSSL-067
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/trim/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.14. comapre

Test Case ID	WMLSLib-con-110
Test Object	Client and Gateway
Test Case Assertion	When the String.compare function is called with parameters string String1 and string String2, and String1 is lexicographically equal to String2, the function returns 0.
Specification Reference	[WMLStdLib] Section 9.14
SCR Reference	WMLSSL-068
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/compare/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-111
Test Object	Client and Gateway
Test Case Assertion	When the String.compare function is called with parameters string String1 and string String2, and String1 is lexicographically less than String2, the function returns -1.
Specification Reference	[WMLStdLib] Section 9.14
SCR Reference	WMLSSL-068
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/compare/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-112
Test Object	Client and Gateway
Test Case Assertion	When the String.compare function is called with parameters string String1 and string String2, and String1 is lexicographically greater than String2, the function returns 1.
Specification Reference	[WMLStdLib] Section 9.14
SCR Reference	WMLSSL-068
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/compare/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-113
Test Object	Client and Gateway
Test Case Assertion	When the String.compare function is called with an invalid parameter, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.14
SCR Reference	WMLSSL-068
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/compare/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.15. toString

Test Case ID	WMLSLib-con-114
Test Object	Client and Gateway
Test Case Assertion	When the String.toString function is called with a parameter Value, the function returns a string representing Value as defined in the WMLScript specification for type conversion.
Specification Reference	[WMLStdLib] Section 9.15
SCR Reference	WMLSSL-069
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/tostring/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-115
Test Object	Client and Gateway
Test Case Assertion	When the String.toString function is called with an 'invalid' Value, the function returns the string "invalid".
Specification Reference	[WMLStdLib] Section 9.15
SCR Reference	WMLSSL-069
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/tostring/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.3.16. format

Test Case ID	WMLSLib-con-116
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string Format and Any Value, and Format contains more than one format specifier, subsequent specifiers are replaced with the empty string in the string the function returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-117
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string Format and Any Value, and Format contains two percent signs (%) in sequence, the function returns a string in which those signs are converted into a single percent sign.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of

	the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-118
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string Format and Any Value, and Format contains an invalid format specifier, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-119
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a decimal integer "Value" and the "Format" contains a format specifier of the form "%d", the function replaces the "%d" with a representation of the value of the integer using the form [-]d (where d represents 1 or more decimal digits) in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/1
Execution Type	Automatic

Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-120
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a decimal integer "Value" and the "Format" contains a format specifier of the form "%wd" and the number of digits in "Value" is less than the specified width "w", the function replaces the "%wd" with a representation of the value of the integer using the form [-]d (where d represents 1 or more decimal digits) with blanks added to the left until the minimum width is reached in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-121
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a decimal integer "Value" and the "Format" contains a format specifier of the form "%wd" and the number of digits in "Value" is greater than or equal to the specified width "w", the function replaces the "%wd" with a representation of the value of the integer using the form [-]d (where d represents 1 or more decimal digits) in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-122
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a decimal integer "Value" and the "Format" contains a format specifier of the form "%wd" and "w" is a negative decimal integer, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-123
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a decimal integer "Value" and the "Format" contains a format specifier of the form "%w.pd" and the number of digits in "Value" is less than the specified precision "p", the function replaces the "%w.pd" with a representation of the value of the integer using the form [-]d (where d represents 1 or more decimal digits) with zeros added to the left until the minimum precision is reached in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-124
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a decimal integer "Value" and the "Format" contains a format specifier of the form "%w.pd" and the number of digits in "Value" is greater than or equal to the specified precision "p", the function replaces the "%w.pd" with a representation of the value of the integer using the form [-]d (where d represents 1 or more decimal digits) in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-125
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a decimal integer "Value" and the "Format" contains a format specifier of the form "%w.pd" and "p" is a negative decimal integer, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.16

SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/7
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-126
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string Format and Any Value, and Format contains a format specification of the pattern "%.0d" and the value of Value is zero, the function replaces the "%.0d" with an empty string in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/8
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-127
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%d", the function replaces the "%d" with a representation of the value of the string converted to an integer using the form [-]d (where d represents 1 or more decimal digits) in the string it returns.

Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/9
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-128
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%d", the function replaces the "%d" with a representation of the value of the floating point converted to an integer using the form [-]d (where d represents 1 or more decimal digits) in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/d/10
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-129
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%f", the function replaces the "%f" with a representation of the value

	of the floating point using the form [-]d.nnnnnn (where nnnnnn represents the default of six digits after the decimal point in the string it returns).
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-130
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%wf" and the number of digits in "Value" is less than the specified width "w", the function replaces the "%wf" with a representation of the value of the floating point using the form [-]d.d (where d represents 1 or more decimal digits) with blanks added to the left until the minimum width is reached in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-131

Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%wf" and the number of digits in "Value" is greater than or equal to the specified width "w", the function replaces the "%wf" with a representation of the value of the floating point using the form [-]d.d (where d represents 1 or more decimal digits) in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-132
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%wf" and "w" is a negative decimal integer, the function return 'invalid'.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-133
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%w.pf" and the number of digits after the decimal point in "Value" is less than the specified precision "p", the function replaces the "%w.pf" with a representation of the value of the floating point using the form [-]d.d (where d represents 1 or more decimal digits) with zeros padding until the minimum precision is reached in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-134
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%w.pf" and the number of digits after the decimal point in "Value" is greater than or equal to the specified precision "p", the function replaces the "%w.pf" with a representation of the value of the floating point using the form [-]d.d (where d represents 1 or more decimal digits) where the digits following the decimal point are rounded to the number of digits specified by precison "p" in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-135
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" which has no digits preceeding the decimal point and the "Format" contains a format specifier of the form "%f", the function replaces the "%f" with a representation of the value of the floating point using the form [-]d.d (where d represents 1 or more decimal digits) where one digit appears before the decimal point in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/7
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-136
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string Format, a floating point Value, and Format contains a format specification of the pattern "%.0f", the function replaces the "%.0f" with a representation of Value rounded to the nearest integer with no trailing decimal point in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/8
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-137
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string Format, a floating point Value, and Format contains a format specification of the pattern "%.f", the function replaces the "%.f" with a representation of Value rounded to the nearest integer with no trailing decimal point in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/9
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-138
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%f", the function replaces the "%f" with a representation of the value of the string converted to a floating point using the form [-]d.d (where d represents 1 or more decimal digits) in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16

SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/f/10
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-139
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%s", the function replaces the "%s" with a representation of the string "Value" in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-140
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%ws" and the number of characters in the string "Value" is less than the specified width "w", the function replaces the "%ws" with a representation of the string "Value" with blanks added to the left until the minimum width is

	reached in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-141
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%ws" and the number of characters in "Value" is greater than or equal to the specified width "w", the function replaces the "%ws" with a representation of the string "Value" in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-142
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a

	string "Value" and the "Format" contains a format specifier of the form "%ws" and "w" is a negative decimal integer, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-143
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%w.ps", the function replaces the "%w.ps" with a representation of the string "Value" using the characters up to the end of the string "Value" or until the precision value is reached in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-144
Test Object	Client and Gateway

Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%w.ps" and w is larger than p, the function replaces the "%w.ps" with a representation of the string "Value" ignoring the value of w in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-145
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a string "Value" and the "Format" contains a format specifier of the form "%w.ps" and "p" is a negative decimal integer, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/7
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-146

Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string Format and Any Value, and Format contains a percent sign (%) followed by a period (.) and a non-negative decimal precision p followed by an "s", the function interprets Value as a string value and replaces the "%.ps" with up to p characters from Value in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/8
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-147
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", an integer "Value" and the "Format" contains a format specifier of the form "%s", the function replaces the "%s" with a representation of the integer converted to a string "Value" in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/9
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-148
Test Object	Client and Gateway
Test Case Assertion	When the String.format function is called with parameters string "Format", a floating point "Value" and the "Format" contains a format specifier of the form "%s", the function replaces the "%s" with a representation of the floating point converted to a string "Value" in the string it returns.
Specification Reference	[WMLStdLib] Section 9.16
SCR Reference	WMLSSL-070
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/string/format/s/10
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4. URL

5.4.1. isValid

Test Case ID	WMLSLib-con-149
Test Object	Client and Gateway
Test Case Assertion	When the URL.isValid function is called with a parameter string URL that contains an absolute URL, it returns 'true' if the URL is well formed.
Specification Reference	[WMLStdLib] Section 10.1
SCR Reference	WMLSSL-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/isvalid/1
Execution Type	Automatic

Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-150
Test Object	Client and Gateway
Test Case Assertion	When the URL.isValid function is called with a parameter string URL that contains a relative URL, it returns 'true' if the URL is well formed.
Specification Reference	[WMLStdLib] Section 10.1
SCR Reference	WMLSSL-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/isvalid/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-151
Test Object	Client and Gateway
Test Case Assertion	When the URL.isValid function is called with a parameter string URL that does not contain a well formed absolute or relative URL, it returns 'false'.
Specification Reference	[WMLStdLib] Section 10.1
SCR Reference	WMLSSL-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/isvalid/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-152
Test Object	Client and Gateway
Test Case Assertion	When the URL.isValid function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.1
SCR Reference	WMLSSL-071
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/isvalid/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.2. getScheme

Test Case ID	WMLSLib-con-153
Test Object	Client and Gateway
Test Case Assertion	When the URL.getScheme function is called with a parameter string URL that contains an absolute URL, it returns a string containing the scheme portion of the URL.
Specification Reference	[WMLStdLib] Section 10.2
SCR Reference	WMLSSL-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getscheme/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-154
Test Object	Client and Gateway
Test Case Assertion	When the URL.getScheme function is called with a parameter string URL that contains a relative URL, it returns a string containing the scheme portion of the relative URL.
Specification Reference	[WMLStdLib] Section 10.2
SCR Reference	WMLSSL-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getscheme/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-155
Test Object	Client and Gateway
Test Case Assertion	When the URL.getScheme function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.2
SCR Reference	WMLSSL-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getscheme/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-156
Test Object	Client and Gateway
Test Case Assertion	When the URL.getScheme function is called with a parameter string URL that contains invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.2
SCR Reference	WMLSSL-072
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getscheme/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.3. getHost

Test Case ID	WMLSLib-con-157
Test Object	Client and Gateway
Test Case Assertion	When the URL.getHost function is called with a parameter string URL that contains an absolute URL, it returns a string containing the hostname portion of the URL.
Specification Reference	[WMLStdLib] Section 10.3
SCR Reference	WMLSSL-073
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/gethost/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-158
Test Object	Client and Gateway
Test Case Assertion	When the URL.getHost function is called with a parameter string URL that contains a relative URL, it returns a string containing the hostname portion of the relative URL.
Specification Reference	[WMLStdLib] Section 10.3
SCR Reference	WMLSSL-073
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/gethost/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-159
Test Object	Client and Gateway
Test Case Assertion	When the URL.getHost function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.3
SCR Reference	WMLSSL-073
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/gethost/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-160

Test Object	Client and Gateway
Test Case Assertion	When the URL.getHost function is called with a parameter string URL that contains invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.3
SCR Reference	WMLSSL-073
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/gethost/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.4. getPort

Test Case ID	WMLSLib-con-161
Test Object	Client and Gateway
Test Case Assertion	When the URL.getPort function is called with a parameter string URL that contains an absolute URL, it returns a string containing the port-number portion of the URL.
Specification Reference	[WMLStdLib] Section 10.4
SCR Reference	WMLSSL-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getport/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-162

Test Object	Client and Gateway
Test Case Assertion	When the URL.getPort function is called with a parameter string URL that contains a relative URL, it returns a string containing the port-number portion of the relative URL.
Specification Reference	[WMLStdLib] Section 10.4
SCR Reference	WMLSSL-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getport/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-163
Test Object	Client and Gateway
Test Case Assertion	When the URL.getPort function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.4
SCR Reference	WMLSSL-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getport/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-164
Test Object	Client and Gateway

Test Case Assertion	When the URL.getPort function is called with a parameter string URL, and that string does not contain a port number, the function returns the empty string.
Specification Reference	[WMLStdLib] Section 10.4
SCR Reference	WMLSSL-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getport/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-165
Test Object	Client and Gateway
Test Case Assertion	When the URL.getPort function is called with a parameter string URL that contains invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.4
SCR Reference	WMLSSL-074
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getport/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.5. getPath

Test Case ID	WMLSLib-con-166
Test Object	Client and Gateway

Test Case Assertion	When the URL.getPath function is called with a parameter string URL that contains an absolute URL, it returns a string containing the pathname portion of the URL.
Specification Reference	[WMLStdLib] Section 10.5
SCR Reference	WMLSSL-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getpath/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-167
Test Object	Client and Gateway
Test Case Assertion	When the URL.getPath function is called with a parameter string URL that contains a relative URL, it returns a string containing the pathname portion of the relative URL.
Specification Reference	[WMLStdLib] Section 10.5
SCR Reference	WMLSSL-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getpath/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-168
Test Object	Client and Gateway

Test Case Assertion	When the URL.getPath function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.5
SCR Reference	WMLSSL-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getpath/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-169
Test Object	Client and Gateway
Test Case Assertion	When the URL.getPath function is called with a parameter string URL that contains invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.5
SCR Reference	WMLSSL-075
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getpath/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.6. getParameters

Test Case ID	WMLSLib-con-170
Test Object	Client and Gateway

Test Case Assertion	When the URL.getParameters function is called with a parameter string URL that contains an absolute URL, it returns a string containing the parameter portion of the URL.
Specification Reference	[WMLStdLib] Section 10.6
SCR Reference	WMLSSL-076
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getparameters/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-171
Test Object	Client and Gateway
Test Case Assertion	When the URL.getParameters function is called with a parameter string URL that contains a relative URL, it returns a string containing the parameter portion of the relative URL.
Specification Reference	[WMLStdLib] Section 10.6
SCR Reference	WMLSSL-076
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getparameters/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-172
Test Object	Client and Gateway

Test Case Assertion	When the URL.getParameters function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.6
SCR Reference	WMLSSL-076
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getparameters/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-173
Test Object	Client and Gateway
Test Case Assertion	When the URL.getParameters function is called with a parameter string URL that contains invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.6
SCR Reference	WMLSSL-076
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getparameters/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-174
Test Object	Client and Gateway
Test Case Assertion	When the URL.getParameters function is called with a parameter string URL that contains an absolute URL that has no parameter portion, the function

	returns an empty string.
Specification Reference	[WMLStdLib] Section 10.6
SCR Reference	WMLSSL-076
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getparameters/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-175
Test Object	Client and Gateway
Test Case Assertion	When the URL.getParameters function is called with a parameter string URL that contains a relative URL that contains no parameter portion, the function returns an empty string.
Specification Reference	[WMLStdLib] Section 10.6
SCR Reference	WMLSSL-076
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getparameters/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.7. getQuery

Test Case ID	WMLSLib-con-176
Test Object	Client and Gateway

Test Case Assertion	When the URL.getQuery function is called with a parameter string URL that contains an absolute URL, it returns a string containing the query portion of the URL.
Specification Reference	[WMLStdLib] Section 10.7
SCR Reference	WMLSSL-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getquery/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-177
Test Object	Client and Gateway
Test Case Assertion	When the URL.getQuery function is called with a parameter string URL that contains a relative URL, it returns a string containing the query portion of the relative URL.
Specification Reference	[WMLStdLib] Section 10.7
SCR Reference	WMLSSL-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getquery/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-178
Test Object	Client and Gateway

Test Case Assertion	When the URL.getQuery function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.7
SCR Reference	WMLSSL-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getquery/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-179
Test Object	Client and Gateway
Test Case Assertion	When the URL.getQuery function is called with a parameter string URL that contains invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.7
SCR Reference	WMLSSL-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getquery/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-180
Test Object	Client and Gateway
Test Case Assertion	When the URL.getQuery function is called with a parameter string URL that contains an absolute URL that has no query portion, the function returns an

	empty string.
Specification Reference	[WMLStdLib] Section 10.7
SCR Reference	WMLSSL-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getquery/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-181
Test Object	Client and Gateway
Test Case Assertion	When the URL.getQuery function is called with a parameter string URL that contains a relative URL that does not contain a query portion, the function returns the enpty string.
Specification Reference	[WMLStdLib] Section 10.7
SCR Reference	WMLSSL-077
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getquery/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.8. getFragment

Test Case ID	WMLSLib-con-182
Test Object	Client and Gateway

Test Case Assertion	When the URL.getFragment function is called with a parameter string URL that contains an absolute URL, it returns a string containing the fragment portion of the URL.
Specification Reference	[WMLStdLib] Section 10.8
SCR Reference	WMLSSL-078
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getfragment/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-183
Test Object	Client and Gateway
Test Case Assertion	When the URL.getFragment function is called with a parameter string URL that contains a relative URL, it returns a string containing the fragment portion of the relative URL.
Specification Reference	[WMLStdLib] Section 10.8
SCR Reference	WMLSSL-078
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getfragment/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-184
Test Object	Client and Gateway

Test Case Assertion	When the URL.getFragment function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.8
SCR Reference	WMLSSL-078
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getfragment/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-185
Test Object	Client and Gateway
Test Case Assertion	When the URL.getFragment function is called with a parameter string URL that contains invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.8
SCR Reference	WMLSSL-078
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getfragment/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-186
Test Object	Client and Gateway
Test Case Assertion	When the URL.getFragment function is called with a parameter string URL that contains an absolute URL that does not have a fragment portion, the

	function returns an empty string.
Specification Reference	[WMLStdLib] Section 10.8
SCR Reference	WMLSSL-078
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getfragment/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-187
Test Object	Client and Gateway
Test Case Assertion	When the URL.getFragment function is called with a parameter string URL that contains a relative URL that does not have a fragment portion, the function returns an empty string.
Specification Reference	[WMLStdLib] Section 10.8
SCR Reference	WMLSSL-078
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getfragment/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.9. getBase

Test Case ID	WMLSLib-con-188
Test Object	Client and Gateway

Test Case Assertion	When the URL.getBase function is called, it returns a string reflecting the absolute URL (without the fragment) of the current Script file.
Specification Reference	[WMLStdLib] Section 10.9
SCR Reference	WMLSSL-079
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getbase/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.10. getReferer

Test Case ID	WMLSLib-con-189
Test Object	Client and Gateway
Test Case Assertion	When the URL.getReferer function is called, it returns a string reflecting the smallest relative URL (relative to the base URL of the current compilation unit) to the resource that called the current compilation unit.
Specification Reference	[WMLStdLib] Section 10.10
SCR Reference	WMLSSL-080
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getreferer/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-190
Test Object	Client and Gateway

Test Case Assertion	When a compilation unit calls another local function, and that function calls the URL.getReferer function, the result of url.getReferer will be same as that of calling it from the parent function.
Specification Reference	[WMLStdLib] Section 10.10
SCR Reference	WMLSSL-080
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/getreferer/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.11. resolve

Test Case ID	WMLSLib-con-191
Test Object	Client and Gateway
Test Case Assertion	When the URL.resolve function is called with parameters string BaseURL and string EmbeddedURL, where BaseURL is an absolute URL, the function returns an absolute URL derived from the combination of BaseURL and EmbeddedURL.
Specification Reference	[WMLStdLib] Section 10.11
SCR Reference	WMLSSL-081
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/resolve/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-192

Test Object	Client and Gateway
Test Case Assertion	When the URL.resolve function is called with parameters string BaseURL and string EmbeddedURL, where EmbeddedURL is an absolute URL, the function returns EmbeddedURL.
Specification Reference	[WMLStdLib] Section 10.11
SCR Reference	WMLSSL-081
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/resolve/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-193
Test Object	Client and Gateway
Test Case Assertion	When the URL.resolve function is called with parameters string BaseURL and string EmbeddedURL, where either parameter's values contain invalid URL syntax, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.11
SCR Reference	WMLSSL-081
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/resolve/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-194

Test Object	Client and Gateway
Test Case Assertion	When the URL.resolve function is called with parameters string BaseURL and string EmbeddedURL, and the BaseURL's path component is an empty string. The function returns an absolute URL derived from the combination of BaseURL and EmbeddedURL with a single slash character ("/") assumed as the path.
Specification Reference	[WMLStdLib] Section 10.11
SCR Reference	WMLSSL-081
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/resolve/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.12. escapeString

Test Case ID	WMLSLib-con-195
Test Object	Client and Gateway
Test Case Assertion	When the URL.escapeString function is called with a parameter string String, it returns a string in which the special characters in String are replaced with their hexadecimal escape sequences (e.g. %ff).
Specification Reference	[WMLStdLib] Section 10.12
SCR Reference	WMLSSL-082
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/escapestring/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-196
Test Object	Client and Gateway
Test Case Assertion	When the URL.escapeString function is called with a parameter string String that contains characters not from the US-ASCII character set, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.12
SCR Reference	WMLSSL-082
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/escapestring/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.13. unescapeString

Test Case ID	WMLSLib-con-197
Test Object	Client and Gateway
Test Case Assertion	When the URL.unescapeString function is called with a parameter string String, it returns a string in which the hexadecimal escape sequences in String are replaced with the characters they represent.
Specification Reference	[WMLStdLib] Section 10.13
SCR Reference	WMLSSL-083
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/unescapestring/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of

	the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-198
Test Object	Client and Gateway
Test Case Assertion	When the URL.unescapeString function is called with a parameter string String that contains characters above hexidecimal FF, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.13
SCR Reference	WMLSSL-083
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/unescapestring/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.4.14. loadString

Test Case ID	WMLSLib-con-199
Test Object	Client and Gateway
Test Case Assertion	When the URL.loadString function is called with the parameters string URL and string ContentType, where URL is an absolute URL and ContentType is a single content type specifier beginning with "text/", the function returns a string that contains the resource.
Specification Reference	[WMLStdLib] Section 10.14
SCR Reference	WMLSSL-084
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/loadstring/1

Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-200
Test Object	Client and Gateway
Test Case Assertion	When the URL.loadString function is called with the parameters string URL and string ContentType, where URL is an absolute URL that cannot be loaded, the function returns an integer error code.
Specification Reference	[WMLStdLib] Section 10.14
SCR Reference	WMLSSL-084
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/loadstring/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-201
Test Object	Client and Gateway
Test Case Assertion	When the URL.loadString function is called with the parameters string URL and string ContentType, where URL is an absolute URL for which the content type does not match ContentType, the function returns an integer error code.
Specification Reference	[WMLStdLib] Section 10.14
SCR Reference	WMLSSL-084
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/loadstring/3

Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-202
Test Object	Client and Gateway
Test Case Assertion	When the URL.loadString function is called with the parameters string URL and string ContentType, where the ContentType is not well formed, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.14
SCR Reference	WMLSSL-084
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/loadstring/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-203
Test Object	Client and Gateway
Test Case Assertion	When the URL.loadString function is called with the parameters string URL and string ContentType, where the ContentType contains leading spaces, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.14
SCR Reference	WMLSSL-084
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/loadstring/5

Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-204
Test Object	Client and Gateway
Test Case Assertion	When the URL.loadString function is called with the parameters string URL and string ContentType, where the ContentType contains trailing spaces, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 10.14
SCR Reference	WMLSSL-084
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/loadstring/6
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-205
Test Object	Client and Gateway
Test Case Assertion	When the URL.loadString function is called with the parameters string URL and string ContentType, where more than one ContentType has been specified the function returns invalid
Specification Reference	[WMLStdLib] Section 10.14
SCR Reference	WMLSSL-084
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/url/loadstring/7

Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.5. WMLBrowser

5.5.1. getVar

Test Case ID	WMLSLib-con-206
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.getVar function is called with a parameter string Name, it returns the value of the browser context variable identified by Name.
Specification Reference	[WMLStdLib] Section 11.1
SCR Reference	WMLSSL-085
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/getvar/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-207
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.getVar function is called with a parameter string Name, and a variable Name does not exist in the current browser context, the function returns the empty string.
Specification Reference	[WMLStdLib] Section 11.1
SCR Reference	WMLSSL-085
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/getvar/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-208
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.getVar function is called with non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 11.1
SCR Reference	WMLSSL-085
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/getvar/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-209
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.getVar function is called with a parameter string Name, and a variable Name is not formatted as defined in the WML 1.1 specification, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 11.1
SCR Reference	WMLSSL-085
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/getvar/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.5.2. setVar

Test Case ID	WMLSLib-con-210
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.setVar function is called with the parameters string Name and string Value, the browser context variable Name is set to have the value Value and the function returns true.
Specification Reference	[WMLStdLib] Section 11.2
SCR Reference	WMLSSL-086
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/setvar/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-211
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.setVar function is called with either parameter a non-string, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 11.2
SCR Reference	WMLSSL-086
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/setvar/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-212
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.setVar function is called with the parameters string Name and string Value, and the value of Name does not conform to the definition of variable names in the WML 1.1 specification, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 11.2
SCR Reference	WMLSSL-086
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/setvar/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-213
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.setVar function is called with the parameters string Name and string Value, and the value of Value is not legal CDATA as defined in the XML specification, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 11.2
SCR Reference	WMLSSL-086
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]

Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/setvar/4
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-214
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.setVar function is called with the parameters string Name and string Value. The function returns false if the browser context variable Name cannot be successfully set.
Specification Reference	[WMLStdLib] Section 11.2
SCR Reference	WMLSSL-086
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/setvar/5
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.5.3. go

Test Case ID	WMLSLib-con-215
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.go function is called with a parameter string URL, the WML browser queues a "GO" task to the URL and the function returns the empty string. When control returns to the WML Browser, the GO task is executed.
Specification Reference	[WMLStdLib] Section 11.3
SCR Reference	WMLSSL-087
Tool	[VSWAP 2.0]
Test Code	See test procedure.

Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/go/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-216
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.go function is called with a parameter string URL, where URL is the empty string, the WML browser cancels any previously queued GO or PREV task in the WML browser and the function returns the empty string.
Specification Reference	[WMLStdLib] Section 11.3
SCR Reference	WMLSSL-087
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/go/2
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-217
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.go function is called with a non-string parameter, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 11.3
SCR Reference	WMLSSL-087
Tool	[VSWAP 2.0]
Test Code	See test procedure.

Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/go/3
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-218
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.go function is called with a parameter string URL, and a fatal error occurs, the WML browser cancels any pending go() requests.
Specification Reference	[WMLStdLib] Section 11.3
SCR Reference	WMLSSL-087
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/go/4
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.5.4. prev

Test Case ID	WMLSLib-con-219
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.prev function is called, the WML browser queues a "PREV" task and the function returns the empty string. When control returns to the WML Browser, the PREV task is executed.
Specification Reference	[WMLStdLib] Section 11.4
SCR Reference	WMLSSL-088
Tool	[VSWAP 2.0]

Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/prev/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-220
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.go function is called with a URL of the empty string, it cancels any previous call to WMLBrowser.prev.
Specification Reference	[WMLStdLib] Section 11.4
SCR Reference	WMLSSL-088
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/prev/2
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-221
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.prev function is called and a fatal error occurs, the WML browser cancels any pending prev() requests.
Specification Reference	[WMLStdLib] Section 11.4
SCR Reference	WMLSSL-088
Tool	[VSWAP 2.0]
Test Code	See test procedure.

Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/prev/3
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.5.5. newContext

Test Case ID	WMLSLib-con-222
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.newContext function is called, it clears the current WML Browser context and returns an empty string.
Specification Reference	[WMLStdLib] Section 11.5
SCR Reference	WMLSSL-089
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/newcontext/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.5.6. getCurrentCard

Test Case ID	WMLSLib-con-223
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.getCurrentCard function is called, and the current compilation unit has the same base URL as the calling WML deck, the function returns the smallest relative URL (to the base of the current compilation unit) specifying the card currently being processed by the WML Browser.
Specification Reference	[WMLStdLib] Section 11.6

SCR Reference	WMLSSL-090
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/getcurrentcard/1
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.5.7. refresh

Test Case ID	WMLSLib-con-224
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.refresh function is called, the WML Browser updates its context and the function returns an empty string.
Specification Reference	[WMLStdLib] Section 11.7
SCR Reference	WMLSSL-091
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/refresh/1
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-225
Test Object	Client and Gateway
Test Case Assertion	When the WMLBrowser.refresh function is called, the WML Browser updates its context and the function returns an empty string. The refresh must not restart any suspended timers.
Specification Reference	[WMLStdLib] Section 11.7

SCR Reference	WMLSSL-091
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/wmlbrowser/refresh/2
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.6. Dialogs

5.6.1. Prompt

Test Case ID	WMLSLib-con-226
Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.prompt function is called with the parameters string Message and string DefaultInput, the system displays the message Message supplies the string DefaultInput as the default content. When the user has changed the content, the function returns that content as a string.
Specification Reference	[WMLStdLib] Section 12.1
SCR Reference	WMLSSL-092
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/prompt/1
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-227
Test Object	Client and Gateway

Test Case Assertion	When the Dialogs.prompt function is called with non-string parameters, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 12.1
SCR Reference	WMLSSL-092
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/prompt/2
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-228
Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.prompt function is called with the parameters string Message and string DefaultInput, the system displays the message Message supplies the string DefaultInput as the default content.
Specification Reference	[WMLStdLib] Section 12.1
SCR Reference	WMLSSL-092
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/prompt/3
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.6.2. Confirm

Test Case ID	WMLSLib-con-229
Test Object	Client and Gateway

Test Case Assertion	When the Dialogs.confirm function is called with the parameters string Message, string Ok, and string Cancel, the system displays the message Message and two reply alternatives from Ok and Cancel. If the user selects the Ok string, the function returns true.
Specification Reference	[WMLStdLib] Section 12.2
SCR Reference	WMLSSL-093
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/confirm/1
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-230
Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.confirm function is called with the parameters string Message, string Ok, and string Cancel, the system displays the message Message and two reply alternatives from Ok and Cancel. If the user selects the Cancel string, the function returns false.
Specification Reference	[WMLStdLib] Section 12.2
SCR Reference	WMLSSL-093
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/confirm/2
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-231

Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.confirm function is called with the parameters string Message, string Ok, and string Cancel, where Ok and Cancel are empty strings, the system displays the message Message and two implementation-defined reply alternatives. If the user selects the "positive" choice, the function returns true.
Specification Reference	[WMLStdLib] Section 12.2
SCR Reference	WMLSSL-093
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/confirm/3
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-232
Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.confirm function is called with the parameters string Message, string Ok, and string Cancel, where Ok and Cancel are empty strings, the system displays the message Message and two implementation-defined reply alternatives. If the user selects the "negative" choice, the function returns false.
Specification Reference	[WMLStdLib] Section 12.2
SCR Reference	WMLSSL-093
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/confirm/4
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-233
Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.confirm function is called with any non-string parameters, the function returns 'invalid'.
Specification Reference	[WMLStdLib] Section 12.2
SCR Reference	WMLSSL-093
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/confirm/5
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

5.6.3. Alert

Test Case ID	WMLSLib-con-234
Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.alert function is called with a parameter string Message, it displays the message to the user, waits for the user to confirm that they have seen the message, and returns the empty string.
Specification Reference	[WMLStdLib] Section 12.3
SCR Reference	WMLSSL-094
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/alert/1
Execution Type	Manual
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

Test Case ID	WMLSLib-con-235
Test Object	Client and Gateway
Test Case Assertion	When the Dialogs.alert function is called with a non-string parameter, it returns 'invalid'.
Specification Reference	[WMLStdLib] Section 12.3
SCR Reference	WMLSSL-094
Tool	[VSWAP 2.0]
Test Code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [TestEnv]
Test Procedure	Run the following assertions in the [VSWAP 2.0]: wmlscriptlib/dialogs/alert/2
Execution Type	Automatic
Pass-Criteria	The verification criteria in the test suite are met and the management page of the test suite indicates that the test case has passed.

6. SCR Mapping

Item	Mandatory/Optional	ETS Reference	Number of Test cases	Comments
WMLSSL-001	M	-	-	No test cases
WMLSSL-002	M	-	-	No test cases
WMLSSL-003	M	-	-	No test cases
WMLSSL-004	M	-	-	No test cases
WMLSSL-005	M	-	-	No test cases
WMLSSL-006	M	-	-	No test cases
WMLSSL-007	M	-	-	No test cases
WMLSSL-008	M	-	-	No test cases
WMLSSL-009	M	-	-	No test cases
WMLSSL-010	M	-	-	No test cases
WMLSSL-011	M	-	-	No test cases
WMLSSL-012	M	-	-	No test cases
WMLSSL-013	M	-	-	No test cases
WMLSSL-014	M	-	-	No test cases
WMLSSL-015	M	-	-	No test cases
WMLSSL-016	M	-	-	No test cases
WMLSSL-017	O	-	-	No test cases
WMLSSL-018	M	-	-	No test cases
WMLSSL-019	M	-	-	No test cases
WMLSSL-020	M	-	-	No test cases
WMLSSL-021	M	-	-	No test cases
WMLSSL-022	M	-	-	No test cases
WMLSSL-023	M	-	-	No test cases
WMLSSL-024	M	-	-	No test cases
WMLSSL-025	M	-	-	No test cases
WMLSSL-026	M	-	-	No test cases
WMLSSL-027	M	-	-	No test cases
WMLSSL-028	M	-	-	No test cases

WMLSSL-029	M	-	-	No test cases
WMLSSL-030	M	-	-	No test cases
WMLSSL-031	M	[5.1.1]	4	-
WMLSSL-032	M	[5.1.2]	5	
WMLSSL-033	M	[5.1.3]	5	-
WMLSSL-034	M	[5.1.4]	3	-
WMLSSL-035	M	[5.1.5]	3	-
WMLSSL-036	M	[5.1.6]	2	-
WMLSSL-037	M	[5.1.7]	2	-
WMLSSL-038	M	[5.1.8]	1	-
WMLSSL-039	M	[5.1.9]	1	-
WMLSSL-040	M	[5.1.10]	1	-
WMLSSL-041	M	-	-	No test cases
WMLSSL-042	M	-	-	No test cases
WMLSSL-043	M	[5.1.11]	5	-
WMLSSL-044	M	[5.1.12]	4	-
WMLSSL-045	M	[5.1.13]	1	-
WMLSSL-046	M	-	-	No test cases
WMLSSL-047	M	[5.2.1]	3	-
WMLSSL-048	M	[5.2.2]	3	-
WMLSSL-049	M	[5.2.3]	3	-
WMLSSL-050	M	[5.2.4]	4	-
WMLSSL-051	M	[5.2.5]	4	-
WMLSSL-052	M	[5.2.6]	2	-
WMLSSL-053	M	[5.2.7]	1	-
WMLSSL-054	M	[5.2.8]	1	-
WMLSSL-055	M	[5.3.1]	2	-
WMLSSL-056	M	[5.3.2]	2	-
WMLSSL-057	M	[5.3.3]	4	-
WMLSSL-058	M	[5.3.4]	7	-
WMLSSL-059	M	[5.3.5]	3	-

WMLSSL-060	M	[5.3.6]	2	-
WMLSSL-061	M	[5.3.7]	3	-
WMLSSL-062	M	[5.3.8]	6	-
WMLSSL-063	M	[5.3.9]	6	-
WMLSSL-064	M	[5.3.10]	6	-
WMLSSL-065	M	[5.3.11]	6	-
WMLSSL-066	M	[5.3.12]	2	-
WMLSSL-067	M	[5.3.13]	2	-
WMLSSL-068	M	[5.3.14]	4	
WMLSSL-069	M	[5.3.15]	2	-
WMLSSL-070	M	[5.3.16]	33	-
WMLSSL-071	M	[5.4.1]	4	-
WMLSSL-072	M	[5.4.2]	4	-
WMLSSL-073	M	[5.4.3]	4	-
WMLSSL-074	M	[5.4.4]	5	-
WMLSSL-075	M	[5.4.5]	4	-
WMLSSL-076	M	[5.4.6]	6	-
WMLSSL-077	M	[5.4.7]	6	-
WMLSSL-078	M	[5.4.8]	6	-
WMLSSL-079	M	[5.4.9]	1	-
WMLSSL-080	M	[5.4.10]	2	-
WMLSSL-081	M	[5.4.11]	4	-
WMLSSL-082	M	[5.4.12]	2	-
WMLSSL-083	M	[5.4.13]	2	-
WMLSSL-084	M	[5.4.14]	7	-
WMLSSL-085	M	[5.5.1]	4	-
WMLSSL-086	M	[5.5.2]	5	-
WMLSSL-087	M	[5.5.3]	4	-
WMLSSL-088	M	[5.5.4]	3	-
WMLSSL-089	M	[5.5.5]	1	-
WMLSSL-090	M	[5.5.6]	1	-

WMLSSL-091	M	[5.5.7]	2	-
WMLSSL-092	M	[5.6.1]	3	-
WMLSSL-093	M	[5.6.2]	5	-
WMLSSL-094	M	[5.6.3]	2	-

Appendix A.   Change History   (Informative)

A.1   Approved Version History

Reference	Date	Description
n/a	N/a	No prior version –or- No previous version within OMA

A.2   Draft/Candidate Version 1.1 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-IOP-WML-ETS-v1_0	2004-06-18		Initial draft.
Draft Versions OMA-IOP-WML-ETS-v1_1	2004-06-28		Secod draft, WML Script and Script Lib were added.
OMA-ETS_WMLStdLib-V20000925-20040913	2004-09-13		Splitted the initial document in 4 documents (WML 1.3, WML 2.0, WMLScript and WMLScriptLib.
OMA-ETS_WMLStdLib-20040929	2004-09-29		Final Draft