Enabler Test Specification (Conformance) for

XHTML Mobile Profile

Candidate Version 1.3 – 30 Apr 2010

Open Mobile Alliance

OMA-ETS-XHTML_MP_CON-V1_3-20100430-C

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1. Scope

This document describes in detail available test cases for OMA xHTML-MP version 1.3.

This ETS only has conformance test cases.

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2. References

2.1 Normative References

[IOPPROC] "OMA Interoperability Policy and Process", Version 1.5, Open Mobile Alliance™, OMA-ORG-IOP_Process-V1_4, 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

[BrowsingEVP] "Enabler Validation Plan for Browsing Version 2.4", Open Mobile Alliance™. OMA-EVP-Browsing-V2_4. URL: http://www.openmobilealliance.org/

[XHTMLMP] "XHTML Mobile Profile 1.3", Open Mobile Alliance™, OMA-TS-XHTMLMP-V1_3, URL: http://www.openmobilealliance.org/

[TFP_ESMP] "Test File Package for ECMAScript_Mobile Profile Version 1.1", , Open Mobile Alliance™, OMA-TFP-ESMP-V1_1, URL:http://www.openmobilealliance.org

[TFP_XHTMLMP] "Test File Package for XHTML Mobile Profile Version 1.3", Open Mobile Alliance™, OMA-TFP-XHTMLMP-V1_3, URL:http://www.openmobilealliance.org

[xHTML_Suite_1] Test Suite 1 of **[TFP_XHTMLMP]**

[xHTML_Suite_2] Test Suite 2 of **[TFP_XHTMLMP]**

[xHTML_Suite_3] Test Suite 3 of **[TFP_XHTMLMP]**

2.2 Informative References

[OMADICT] "Dictionary for OMA Specifications", Version 2.6, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_6, URL:http://www.openmobilealliance.org/

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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”, 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	Leap number for the test case

3.2 Definitions

None

3.3 Abbreviations

OMA	Open Mobile Alliance
ETR	Enabler Test Requirements
ETS	Enabler Test Specification
SCR	Static Conformance Statement
ECMA	European Computers Manufacters Association
ESMP	ECMA Script Mobile Profile
XHTML	Extensible HyperText Markup Language
XHTMLMP	Extensible HyperText Markup Language Mobile Profile

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4. Introduction

The purpose of this document is to provide test cases for OMA [XHTMLMP] Version 1.3.

Any issues related to this test specification or [XHTMLMP] found during testing SHOULD be reported to OMA using the OMA Problem Reporting Tool.

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5. Conformance Test Cases

5.1 XHTML Basic Modules

5.1.1 Structure Module

Test Case Id	xHTMLMP-1.3-conf-1
Test Object	Client device
Test Case Description	To test Structure Module..
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-001
Tool	[xHTML_Suite_1] Section 5.1.
Test code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.03.01 • 45.03.02 • 45.03.03 • 45.03.04 • 45.03.05 • 45.03.06 • 45.03.07 • 45.03.08 • 45.03.09 • 45.03.10
Pass-Criteria	The verification criteria in the test suite are met.

Table 1: Test Information for xHTMLMP-1.3-conf-1 Conformance Test

5.1.2 Text Module

Test Case Id	xHTMLMP-1.3-conf-2
Test Object	Client device
Test Case Description	To test Text Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-002
Tool	[xHTML_Suite_1] Section 5.2.

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Test code	See test procedure.		
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]		
Test Procedure	Run the following assertions in the [xHTML_Suite_1]:		
	• 45.04.01 • 45.04.02 • 45.04.03 • 45.04.04 • 45.04.05 • 45.04.06 • 45.04.07 • 45.04.08 • 45.04.09 • 45.04.10	• 45.04.11 • 45.04.12 • 45.04.13 • 45.04.14 • 45.04.15 • 45.04.16 • 45.04.17 • 45.04.18 • 45.04.19 • 45.04.20	• 45.04.21 • 45.04.22 • 45.04.23 • 45.04.24 • 45.04.25 • 45.04.26 • 45.04.27 • 45.04.28 • 45.04.29
Pass-Criteria	The verification criteria in the test suite are met.		

Table 2: Test Information for xHTMLMP-1.3-conf-2 Conformance Test

5.1.3 Hypertext Module

Test Case Id	xHTMLMP-1.3-conf-3
Test Object	Client device
Test Case Description	To test Hypertext Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-003
Tool	[xHTML_Suite_1] Section 5.3
Test code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]

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Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.05.01 • 45.05.02 • 45.05.03 • 45.05.04 • 45.05.05 • 45.05.06 • 45.05.07 • 45.05.08 • 45.05.09 • 45.05.10 • 45.05.11
Pass-Criteria	The verification criteria in the test suite are met.

Table 3: Test Information for xHTMLMP-1.3-conf-3 Conformance Test

5.1.4 List Module

Test Case Id	xHTMLMP-1.3-conf-4
Test Object	Client device
Test Case Description	To test List Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-004
Tool	[xHTML_Suite_1] Section 5.4
Test code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.06.01 • 45.06.02 • 45.06.03 • 45.06.04 • 45.06.05
Pass-Criteria	The verification criteria in the test suite are met.

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Table 4: Test Information for xHTMLMP-1.3-conf-4 Conformance Test

5.1.5 Basic Forms

Test Case Id	xHTMLMP-1.3-conf-5		
Test Object	Client device		
Test Case Description	To test Basic Forms.		
Specification Reference	[xHTMLMP] Section 5.		
SCR Reference	XHTMLMP- XHTMLMOD-C-005		
Tool	[xHTML_Suite_1] Section 5.5 [xHTML_Suite_2], Section "Basic Form Module"		
Test code	See test procedure.		
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]		
Test Procedure	Run the following assertions in the [xHTML_Suite_1]:		
	• 45.07.01 • 45.07.02 • 45.07.03 • 45.07.04 • 45.07.05 • 45.07.06 • 45.07.07 • 45.07.08 • 45.07.09 • 45.07.10 • 45.07.11 • 45.07.12 • 45.07.13	• 45.07.14 • 45.07.15 • 45.07.16 • 45.07.17 • 45.07.18 • 45.07.19 • 45.07.20 • 45.07.21 • 45.07.22 • 45.07.23 • 45.07.24 • 45.07.25 • 45.07.26	• 45.07.27 • 45.07.28 • 45.07.29 • 45.07.30 • 45.07.31 • 45.07.32 • 45.07.33 • 45.07.34 • 45.07.35 • 45.07.36 • 45.07.37 • 45.07.38 • 45.07.39 • 45.07.40
	Run the following assertions in the [xHTML_Suite_2]: • t148		
Pass-Criteria	The verification criteria in the test suite are met.		

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Table 5: Test Information for xHTMLMP-1.3-conf-5 Conformance Test

5.1.6 Basic Tables

Test Case Id	xHTMLMP-1.3-conf-6		
Test Object	Client device		
Test Case Description	To test Basic Tables.		
Specification Reference	[xHTMLMP] Section 5.		
SCR Reference	XHTMLMP- XHTMLMOD-C-006		
Tool	[xHTML_Suite_1] Section 5.6.		
Test code	See test procedure.		
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]		
Test Procedure	Run the following assertions in the [xHTML_Suite_1]:		
	• 45.08.01 • 45.08.02 • 45.08.03 • 45.08.04 • 45.08.05 • 45.08.06 • 45.08.07 • 45.08.08 • 45.08.09	• 45.08.10 • 45.08.11 • 45.08.12 • 45.08.13 • 45.08.14 • 45.08.15 • 45.08.16 • 45.08.17 • 45.08.18	• 45.08.19 • 45.08.20 • 45.08.21 • 45.08.22 • 45.08.23 • 45.08.24 • 45.08.25 • 45.08.26
Pass-Criteria	The verification criteria in the test suite are met.		

Table 6: Test Information for xHTMLMP-1.3-conf-6 Conformance Test

5.1.7 Image Module

Test Case Id	xHTMLMP-1.3-conf-7
Test Object	Client device
Test Case Description	To test Image Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-007
Tool	[xHTML_Suite_1] Section 5.7
Test code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]

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Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.09.01 • 45.09.02 • 45.09.03 • 45.09.04 • 45.09.05 • 45.09.06 • 45.09.07 • 45.09.08 • 45.09.09 • 45.09.10
Pass-Criteria	The verification criteria in the test suite are met.

Table 7: Test Information for xHTMLMP-1.3-conf-7 Conformance Test

5.1.8 Object Module

Test Case Id	xHTMLMP-1.3-conf-8
Test Object	Client device
Test Case Description	To test object Module. If the Object Module is ignored, then objects with an image, which is possible to show, shall work as an image tag.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-008
Tool	[xHTML_Suite_2] section “Object Module”
Test code	See test procedure.
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t140
Pass-Criteria	The verification criteria in the test suite are met.

Table 8: Test Information for xHTMLMP-1.3-conf-8 Conformance Test

5.1.9 Metainformation Module

Test Case Id	xHTMLMP-1.3-conf-9
Test Object	Client device

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Test Case Description	The Metainformation Module is ignored. This test checks that the element is ignored in a correct way..
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-009
Tool	[xHTML_Suite_2] section “Metainformation Module”
Test code	See test procedure .
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t063
Pass-Criteria	The verification criteria in the test suite are met.

Table 9: Test Information for xHTMLMP-1.3-conf-9 Conformance Test

5.1.10 Link Module

Test Case Id	xHTMLMP-1.3-conf-10
Test Object	Client device
Test Case Description	To test Link Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-010
Tool	[xHTML_Suite_1] Section 5.10.
Test code	See test procedure .
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.10.01
Pass-Criteria	The verification criteria in the test suite are met.

Table 10: Test Information for xHTMLMP-1.3-conf-10 Conformance Test

5.1.11 WML Interaction, Back

Test Case Id	xHTMLMP-1.3-conf-11
Test Object	Client device
Test Case Description	To test if the interaction between WML and XHTML is handled correctly.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-010
Tool	[xHTML_Suite_2], Section “WML Interaction”
Test code	See test procedure .

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Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t103
Pass-Criteria	The verification criteria in the test suite are met.

Table 11: Test Information for xHTMLMP-1.3-conf-11 Conformance Test

5.1.12 WML Interaction, Links

Test Case Id	xHTMLMP-1.3-conf-12
Test Object	Client device
Test Case Description	To test if the interaction between WML and XHTML is handled correctly using links.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-010
Tool	[xHTML_Suite_2], Section “WML Interaction”
Test code	See test procedure .
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t104
Pass-Criteria	The verification criteria in the test suite are met.

Table 12: Test Information for xHTMLMP-1.3-conf-12 Conformance Test

5.1.13 Base Module

Test Case Id	xHTMLMP-1.3-conf-13
Test Object	Client device
Test Case Description	To test base Module. The base element specifies a base URL. The purpose is to check that this base URL is used in a correct way.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-011
Tool	[xHTML_Suite_1] Section 5.11. [xHTML_Suite_2],Section “Base Module”
Test code	See test procedure .
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]

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Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.11.01 • 45.11.02 • 45.11.03 • 45.11.04 • 45.11.05 • 45.11.06 Run the following assertions in the [xHTML_Suite_2]: • t065 • t066 (link to WML page)
Pass-Criteria	The verification criteria in the test suite are met.

Table 13: Test Information for xHTMLMP-1.3-conf-13 Conformance Test

5.2 Other XHTML Modules

5.2.1 Style Sheet Module

Test Case Id	xHTMLMP-1.3-conf-14
Test Object	Client device
Test Case Description	To test *the Style Sheet Module*
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-016
Tool	[xHTML_Suite_3], section “Miscellaneous” [xHTML_Suite_1], section “5.12-5.20 XHTML Mobile Profile »
Test code	See test procedure .
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • External Style Sheets • Internal Style Sheets Run the following assertion in the [xHTML_Suite_1]: • 45.13.11 Style
Pass-Criteria	The verification criteria in the test suite are met.

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Table 14: Test Information for xHTMLMP-1.3-conf-14 Conformance Test

5.2.2 Style Attribute Module

Test Case Id	xHTMLMP-1.3-conf-15
Test Object	Client device
Test Case Description	To test *the Style Attribute Module*
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-013
Tool	[xHTML_Suite_3], section Miscellaneous
Test code	See test procedure .
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • Inline Style
Pass-Criteria	The verification criteria in the test suite are met.

Table 15: Test Information for xHTMLMP-1.3-conf-15 Conformance Test

5.2.3 Scripting Module

Test Case Id	xHTMLMP-1.3-conf-16
Test Object	Client device
Test Case Description	To test *the Scripting Module. Sections 'script'(for supported script languages) and 'noscript' (for unsupported script languages) are tested.*
Specification Reference	[xHTMLMP] Section 5, Section 9, 9.1, 9.2, 9.3
SCR Reference	XHTMLMP- XHTMLMOD-C-018 XHTMLMP-SCRIPT-C-004, XHTMLMP-SCRIPT-C-005
Tool	[xHTML_Suite_3], section Miscellaneous
Test code	See test procedure .
Preconditions	Test environment is set up and Client devices are configured according to [BrowsingEVP]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • noscript – Javascript • noscript – Vbcript • noscript – GibberishScript • noscript – Javascript + GibberishScript
Pass-Criteria	The verification criterias in the test suite are met. Clients that support both Javascript and Vbscript must use the 'noscript' section for "GibberishScript"

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Table 16: Test Information for xHTMLMP-1.3-conf-16 Conformance Test

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5.3 Other XHTML Elements and Attributes

5.3.1 *fieldset* element

Test Case Id	xHTMLMP-1.3-conf-17
Test Object	Client device
Test Case Description	To test *fieldset* element in Forms module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-005
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.06
Pass-Criteria	The verification criterias in the test suite are met.

Table 17: Test Information for xHTMLMP-1.3-conf-17 Conformance Test

5.3.2 *optgroup* element

Test Case Id	xHTMLMP-1.3-conf-18
Test Object	Client device
Test Case Description	To test *optgroup* element in Forms module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-005
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.07
Pass-Criteria	The verification criterias in the test suite are met.

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Table 18: Test Information for xHTMLMP-1.3-conf-18 Conformance Test

5.3.3 *target* module

Test Case Id	xHTMLMP-1.3-conf-19
Test Object	Client device
Test Case Description	To test the target module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-014
Tool	[xHTML_Suite_3] Section “Miscellaneous”.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • Target Module
Pass-Criteria	The verification criterias in the test suite are met.

Table 19: Test Information for xHTMLMP-1.3-conf-19 Conformance Test

5.3.4 *value* element

Test Case Id	xHTMLMP-1.3-conf-20
Test Object	Client device
Test Case Description	To test *value* attribute on *li* on the List module
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-019
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.09
Pass-Criteria	The verification criterias in the test suite are met.

Table 20: Test Information for xHTMLMP-1.3-conf-20 Conformance Test

5.3.5 *b* element

Test Case Id	xHTMLMP-1.3-conf-21

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Test Object	Client device
Test Case Description	To test *b* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-017
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.02
Pass-Criteria	The verification criterias in the test suite are met.

Table 21: Test Information for xHTMLMP-1.3-conf-21 Conformance Test

5.3.6 *big* element

Test Case Id	xHTMLMP-1.3-conf-22
Test Object	Client device
Test Case Description	To test *big* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-017
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.04
Pass-Criteria	The verification criterias in the test suite are met.

Table 22: Test Information for xHTMLMP-1.3-conf-22 Conformance Test

5.3.7 *hr* element

Test Case Id	xHTMLMP-1.3-conf-23
Test Object	Client device
Test Case Description	To test *hr* element in Presentation module..
Specification Reference	[xHTMLMP] Section 5.

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SCR Reference	XHTMLMP- XHTMLMOD-C-017
Tool	[xHTML_Suite_1] Section 4.12-5.20. [xHTML_Suite_2], section “Presentation Module”
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.08 Run the following assertion in the [xHTML_Suite_2]: • t207
Pass-Criteria	The verification criterias in the test suite are met.

Table 23: Test Information for xHTMLMP-1.3-conf-23 Conformance Test

5.3.8 *i* element

Test Case Id	xHTMLMP-1.3-conf-24
Test Object	Client device
Test Case Description	To test *i* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-017
Tool	[xHTML_Suite_1] Section 5.12-5-20.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.03
Pass-Criteria	The verification criterias in the test suite are met.

Table 24: Test Information for xHTMLMP-1.3-conf-24 Conformance Test

5.3.9 small element

Test Case Id	xHTMLMP-1.3-conf-25
Test Object	Client device
Test Case Description	To test *small* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.

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SCR Reference	XHTMLMP- XHTMLMOD-C-017
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.05
Pass-Criteria	The verification criterias in the test suite are met.

Table 25: Test Information for xHTMLMP-1.3-conf-25 Conformance Test

5.4 XHTML Document Conformance

5.4.1 Document conformant to XHTMLMP 1.3

Test Case Id	xHTMLMP-1.3-conf-26
Test Object	Client device
Test Case Description	To test the Document Conformance
Specification Reference	[xHTMLMP] Section 7.1
SCR Reference	XHTLMP-XHTMLDC-C-001
Tool	[xHTML_Suite_1], Section “XHTML_Doc_Conformance”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.01.01 • 45.01.02 • 45.01.03 • 45.01.04 • 45.01.05
Pass-Criteria	The verification criterias in the test suite are met.

Table 26: Test Information for xHTMLMP-1.3-conf-26 Conformance Test

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5.5 XHTML User Agent Conformance

5.5.1 Unrecognised elements

Test Case Id	xHTMLMP-1.3-conf-27
Test Object	Client device
Test Case Description	If a user agent encounters an element it does not recognize or one that is misplaced (according to the DTD), it must continue to process the children of that element. If the content is text, the text must be presented to the user. The test therefore tests that, an unrecognised element is ignored and all text content is rendered.
Specification Reference	[xHTMLMP] Section 7.2.
SCR Reference	XHTLMP-XHTMLUA-C-001
Tool	[xHTML_Suite_2], Section “User Agent Conformance”
Test code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t144
Pass-Criteria	The verification criterias in the test suite are met.

Table 27: Test Information for xHTMLMP-1.3-conf-27 Conformance Test

5.5.2 Misc tests

Test Case Id	xHTMLMP-1.3-conf-28
Test Object	Client device
Test Case Description	Test miscellaneous items
Specification Reference	[xHTMLMP] Section 7.2.
SCR Reference	XHTLMP-XHTMLUA-C-001
Tool	[xHTML_Suite_1], Section “xhtml-UA-conformance”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]:

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	• 45.02.01 • 45.02.02 • 45.02.03 • 45.02.04 • 45.02.05 • 45.02.06 • 45.02.07 • 45.02.08 • 45.02.09 • 45.02.10 • 45.02.11 • 45.02.12	• 45.02.13 • 45.02.14 • 45.02.15 • 45.02.16 • 45.02.17 • 45.02.18 • 45.02.19 • 45.02.20 • 45.02.21 • 45.02.22 • 45.02.23 • 45.02.24	• 45.02.25 • 45.02.26 • 45.02.27 • 45.02.28 • 45.02.29 • 45.02.30 • 45.02.31 • 45.02.32 • 45.02.33 • 45.02.34 • 45.02.35 • 45.02.36 • 45.13.01
Pass-Criteria	The verification criterias in the test suite are met.		

Table 28: Test Information for xHTMLMP-1.3-conf-28 Conformance Test

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5.5.3 Unrecognised attribute and default attribute value

Test Case Id	xHTMLMP-1.3-conf-29
Test Object	Client device
Test Case Description	If a user agent encounters an attribute it does not recognize, it must ignore the attribute and its value, but it must use the default attribute value as specified in the DTD. The test case there tests that, the unrecognised attribute is ignored but the default one should be used.
Specification Reference	[xHTML] Section 7.2.
SCR Reference	XHTLMP-XHTMLUA-C-001
Tool	[xHTML_Suite_2], Section “User Agent Conformance”
Test code	See test procedure in t145.html.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t145
Pass-Criteria	The verification criterias in the test suite are met.

Table 29: Test Information for xHTMLMP-1.3-conf-26 9Conformance Test

5.6 Document Types

5.6.1 None terminated tags

Test Case Id	xHTMLMP-1.3-conf-30
Test Object	Client device
Test Case Description	To test that none terminated tags generate error messages
Specification Reference	[xHTMLMP] Section 7.2.
SCR Reference	XHTMLMP-DOC-C-001
Tool	[xHTML_Suite_2], Section “Error Conditions”
Test code	Load t150.html and all files linked to from the index.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t150
Pass-Criteria	The verification criteria in the test suite are met. Error message will be displayed

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Table 30: Test Information for xHTMLMP-1.3-conf-30 Conformance Test

5.6.2 Tags terminated in wrong order

Test Case Id	xHTMLMP-1.3-conf-31
Test Object	Client device
Test Case Description	To test that tags terminated in wrong order generate error messages
Specification Reference	[xHTMLMP] Section 7.2.
SCR Reference	XHTMLMP-DOC-C-001
Tool	[xHTML_Suite_2] Section “Error Conditions”
Test code	Load t151.html and all files linked to from the index.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t151
Pass-Criteria	The verification criteria in the test suite are met. Error message will be displayed

Table 31: Test Information for xHTMLMP-1.3-conf-31 Conformance Test

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5.7 Events

5.7.1 Support for Load Event

Test Case Id	xHTMLMP-1.3-conf-32
Test Object	Client device
Test Case Description	Test the Load event
Specification Reference	[xHTMLMP] Section 10.3.1.
SCR Reference	XHTLMP-EVENT-C-002, XHTLMP-EVENT-C-003
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnLoad
Pass-Criteria	The client handles the supported event

Table 32: Test Information for xHTMLMP-1.3-conf-32 Conformance Test

5.7.2 Support for Unload Event

Test Case Id	xHTMLMP-1.3-conf-33
Test Object	Client device
Test Case Description	Test the Unload event
Specification Reference	[xHTMLMP] Section 10.3.2.
SCR Reference	XHTLMP-EVENT-C-004, XHTLMP-EVENT-C-005
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnUnload
Pass-Criteria	The client handles the supported event

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Table 33: Test Information for xHTMLMP-1.3-conf-33 Conformance Test

5.7.3 Support for `Click` Event

Test Case Id	xHTMLMP-1.3-conf-34
Test Object	Client device
Test Case Description	Test the Click event
Specification Reference	[xHTMLMP] Section 10.3.3.
SCR Reference	XHTLMP-EVENT-C-006, XHTLMP-EVENT-C-007
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnClick
Pass-Criteria	The client handles the supported event

Table 34: Test Information for xHTMLMP-1.3-conf-34 Conformance Test

5.7.4 Support for `Double Click` Event

Test Case Id	xHTMLMP-1.3-conf-35
Test Object	Client device
Test Case Description	Test the Double Click event
Specification Reference	[xHTMLMP] Section 10.3.4
SCR Reference	XHTLMP-EVENT-C-009, XHTLMP-EVENT-C-010
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnDoubleClick
Pass-Criteria	The client handles the supported event

Table 35: Test Information for xHTMLMP-1.3-conf-35 Conformance Test

5.7.5 Support for `Focus` Event

Test Case Id	xHTMLMP-1.3-conf-36

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Test Object	Client device
Test Case Description	Test the Focus event
Specification Reference	[xHTMLMP] Section 10.3.5
SCR Reference	XHTLMP-EVENT-C-022, XHTLMP-EVENT-C-023
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnFocus
Pass-Criteria	The client handles the supported event

Table 36: Test Information for xHTMLMP-1.3-conf-36 Conformance Test

5.7.6 Support for `Blur` Event

Test Case Id	xHTMLMP-1.3-conf-37
Test Object	Client device
Test Case Description	Test the Blur event
Specification Reference	[xHTMLMP] Section 10.3.6
SCR Reference	XHTLMP-EVENT-C-024, XHTLMP-EVENT-C-025
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnBlur
Pass-Criteria	The client handles the supported event

Table 37: Test Information for xHTMLMP-1.3-conf-37 Conformance Test

5.7.7 Support for `Key Press` Event

Test Case Id	xHTMLMP-1.3-conf-38
Test Object	Client device
Test Case Description	Test the Key Press event
Specification Reference	[xHTMLMP] Section 10.3.7

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SCR Reference	XHTLMP-EVENT-C-026, XHTLMP-EVENT-C-027
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnKeyPress
Pass-Criteria	The client handles the supported event

Table 38: Test Information for xHTMLMP-1.3-conf-38 Conformance Test

5.7.8 Support for Key Down Event

Test Case Id	xHTMLMP-1.3-conf-39
Test Object	Client device
Test Case Description	Test the Key Down event
Specification Reference	[xHTMLMP] Section 10.3.8
SCR Reference	XHTLMP-EVENT-C-029, XHTLMP-EVENT-C-030
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnKeyDown
Pass-Criteria	The client handles the supported event

Table 39: Test Information for xHTMLMP-1.3-conf-39 Conformance Test

5.7.9 Support for Key Up Event

Test Case Id	xHTMLMP-1.3-conf-40
Test Object	Client device
Test Case Description	Test the Key Up event
Specification Reference	[xHTMLMP] Section 10.3.9
SCR Reference	XHTLMP-EVENT-C-032, XHTLMP-EVENT-C-033
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure

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Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnKeyUp
Pass-Criteria	The client handles the supported event

Table 40: Test Information for xHTMLMP-1.3-conf-40 Conformance Test

5.7.10 Support for `Submit` Event

Test Case Id	xHTMLMP-1.3-conf-41
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.10
SCR Reference	XHTLMP-EVENT-C-035, XHTLMP-EVENT-C-036
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnSubmit
Pass-Criteria	The client handles the supported event

Table 41: Test Information for xHTMLMP-1.3-conf-41 Conformance Test

5.7.11 Support for `Reset` Event

Test Case Id	xHTMLMP-1.3-conf-42
Test Object	Client device
Test Case Description	Test the Reset event
Specification Reference	[xHTMLMP] Section 10.3.11
SCR Reference	XHTLMP-EVENT-C-037, XHTLMP-EVENT-C-038
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]

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Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnReset
Pass-Criteria	The client handles the supported event

Table 42: Test Information for xHTMLMP-1.3-conf-42 Conformance Test

5.7.12 Support for `Select` Event

Test Case Id	xHTMLMP-1.3-conf-43
Test Object	Client device
Test Case Description	Test the Select event
Specification Reference	[xHTMLMP] Section 10.3.12
SCR Reference	XHTLMP-EVENT-C-039, XHTLMP-EVENT-C-040
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnSelect
Pass-Criteria	The client handles the supported event

Table 43: Test Information for xHTMLMP-1.3-conf-43 Conformance Test

5.7.13 Support for `Change` Event

Test Case Id	xHTMLMP-1.3-conf-44
Test Object	Client device
Test Case Description	Test the Change event
Specification Reference	[xHTMLMP] Section 10.3.13
SCR Reference	XHTLMP-EVENT-C-041, XHTLMP-EVENT-C-042
Tool	[xHTML_Suite_3] Section “Events”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnChange
Pass-Criteria	The client handles the supported event

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Table 44: Test Information for xHTMLMP-1.3-conf-44 Conformance Test

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5.8 Media Object Inclusion

5.8.1 Data

Test Case Id	xHTMLMP-1.3-conf-45
Test Object	Client device
Test Case Description	To test the rendering and displaying a GIF Image in the Browser, when the GIF Image is referenced as an “Object”, using the “data” attribute..
Specification Reference	[XHTMLMP] Section 11.1, 11.2
SCR Reference	XHTMLMP-OBJECT-C-001, XHTMLMP-OBJECT-C-002, XHTMLMP-OBJECT-C-003
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions (as applicable) in the [xHTML_Suite_3]: • DataGIF • DataVideo • Data_with_Codebase • Data_unknown
Pass-Criteria	The verification criterias in the test suite are met.

Table 45: Test Information for xHTMLMP-1.3-conf-45 Conformance Test

5.8.2 ClassId

Test Case Id	xHTMLMP-1.3-conf-46
Test Object	Client device
Test Case Description	To test the rendering and displaying a GIF Image in the Browser, when the GIF Image is referenced as an “Object”, using the “classid” attribute..
Specification Reference	[XHTMLMP] Section 11.3
SCR Reference	XHTMLMP-OBJECT-C-004
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]

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Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • ClassId
Pass-Criteria	The verification criterias in the test suite are met.

Table 46: Test Information for xHTMLMP-1.3-conf-46 Conformance Test

5.8.3 ClassId Priority over Data

Test Case Id	xHTMLMP-1.3-conf-47
Test Object	Client device
Test Case Description	To verify that an Object included using the “classid” attribute takes precedence over an object included using the “data” attribute.
Specification Reference	[XHTMLMP] Section 11.1
SCR Reference	XHTMLMP-OBJECT-C-005
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • ClassId_precedence
Pass-Criteria	The verification criterias in the test suite are met.

Table 47: Test Information for xHTMLMP-1.3-conf-47 Conformance Test

5.8.4 Parameters

Test Case Id	xHTMLMP-1.3-conf-48
Test Object	Client device
Test Case Description	To verify that an Object inclusion can handle parameters
Specification Reference	[XHTMLMP] Section 11.2, 11.3
SCR Reference	XHTMLMP-OBJECT-C-006
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv] The Application supports inline sound using mp3.

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Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • Parameters
Pass-Criteria	The verification criterias in the test suite are met.

Table 48: Test Information for xHTMLMP-1.3-conf-48 Conformance Test

5.8.5 Push Application ID

Test Case Id	xHTMLMP-1.3-conf-49
Test Object	Client device
Test Case Description	To verify that an Object inclusion can use the PUSH Application ID to identify the location application
Specification Reference	[XHTMLMP] Section 11.3
SCR Reference	XHTMLMP-OBJECT-C-007
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • PUSH_App_ID
Pass-Criteria	The verification criterias in the test suite are met.

Table 49: Test Information for xHTMLMP-1.3-conf-49 Conformance Test

5.8.6 Declare

Test Case Id	xHTMLMP-1.3-conf-50
Test Object	Client device
Test Case Description	To verify support for declared objects using the “declare” attribute
Specification Reference	[XHTMLMP] Section 11.4
SCR Reference	XHTMLMP-OBJECT-C-008
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • Declare

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Pass-Criteria	The verification criterias in the test suite are met.

Table 50: Test Information for xHTMLMP-1.3-conf-50 Conformance Test

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5.9 Navigation Optimizations

5.9.1 Access Keys

Test Case Id	xHTMLMP-1.3-conf-51
Test Object	Client device
Test Case Description	To test the assigning of keys to a link or form control.
Specification Reference	[XHTMLMP] Section 12.1.
SCR Reference	XHTMLMP-NAVOPT-C-001
Tool	[xHTML_Suite_1]., section “XHTML Common”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_1]: • 45.12.01 Accesskey Test 1 • 45.12.02 Accesskey Test 2 • 45.12.03 Unsupported Accesskeys
Pass-Criteria	The verification criterias in the test suite are met.

Table 51: Test Information for xHTMLMP-1.3-conf-51 Conformance Test

5.9.2 Links

Test Case Id	xHTMLMP-1.3-conf-52
Test Object	Client device
Test Case Description	To test if the user agent uses the “title” attribute of the anchor (a) element as the link title.
Specification Reference	[XHTMLMP] Section 12.2.
SCR Reference	XHTMLMP-NAVOPT-C-002
Tool	[xHTML_Suite_3], Section “Navigation” [xHTML_Suite_1], section “XHTML common”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]

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Test Procedure	Load [xHTML_Suite_3]: • Link – use Title attribute Load [xHTML_Suite_1]: • 45.12.09 Title Input • 45.12.10 Title Select • 45.12.11 Title Textarea • 45.12.12 Title Misc
Pass-Criteria	The verification criterias in the test suite are met.

Table 52: Test Information for xHTMLMP-1.3-conf-52 Conformance Test

5.9.3 Navigation Menu

Test Case Id	xHTMLMP-1.3-conf-53
Test Object	Client device
Test Case Description	To test the support of access to linked resources, defined by the `link` elements “start”, “next” and “prev”.
Specification Reference	[XHTMLMP] Section 12.3
SCR Reference	XHTMLMP-NAVOPT-C-003
Tool	[xHTML_Suite_3], section “Navigation”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Navigation Menu
Pass-Criteria	The verification criterias in the test suite are met.

Table 53: Test Information for xHTMLMP-1.3-conf-53 Conformance Test

5.10 Text Input Modes

5.10.1 Digits

Test Case Id	xHTMLMP-1.3-conf-54
Test Object	Client device
Test Case Description	To test the support of formatting of input fields. Digits on input box.
Specification Reference	[XHTMLMP] Section 13.2
SCR Reference	XHTMLMP-INPUTMODE-C-001, XHTMLMP-INPUTMODE-C-002

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Tool	[xHTML_Suite_3].section ”Input Modes”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Text Input Mode – Digits
Pass-Criteria	The verification criterias in the test suite are met.

Table 54: Test Information for xHTMLMP-1.3-conf-54 Conformance Test

5.10.2 lowerCase

Test Case Id	xHTMLMP-1.3-conf-55
Test Object	Client device
Test Case Description	To test the support of formatting of input fields. Lower case on input box
Specification Reference	[XHTMLMP] Section 13.2.
SCR Reference	XHTMLMP-INPUTMODE-C-002
Tool	[xHTML_Suite_3]. Section ”Input Modes”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Text Input Mode – Lower Case
Pass-Criteria	The verification criterias in the test suite are met.

Table 55: Test Information for xHTMLMP-1.3-conf-55 Conformance Test

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5.10.3 inputmode attribute on `textarea` element

Test Case Id	xHTMLMP-1.3-conf-56
Test Object	Client device
Test Case Description	To test the support of formatting of input fields.Lower case on text area
Specification Reference	[XHTMLMP] Section 13.2.
SCR Reference	XHTMLMP-INPUTMODE-C-003
Tool	[xHTML_Suite_3], section “Input Modes”
Test code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Text Area Input Mode – Lower Case
Pass-Criteria	The verification criterias in the test suite are met.

Table 56: Test Information for xHTMLMP-1.3-conf-56 Conformance Test

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6. Interoperability Test Cases

There are no test cases for interoperability as the enabler is a language and as so only has conformance requirements

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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 1.3 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ETS-XHTMLMP-V1_3	25 Aug 2009	All	First draft
	21 Oct 2009	5.5.2	Added CR 115
Candidate Version OMA-ETS-XHTML_MP_con-V1_3	17 Nov 2009	All	Status changed to Candidate by TP: OMA-TP-2009-0514-INP_XHTML_MP_CON_V1_3_ETS_for_Candidate_Approval
Draft Versions OMA-ETS-XHTML_MP-V1_3	14 April 2010	5	Incorporated CR OMA-IOP-BRO-2010-0027-CR_Reflection_of_the_renumbering_of_SCR_entries_in_XHTML_MP_1.3
Candidate Version OMA-ETS-XHTML_MP_CON-V1_3	30 Apr 2010	n/a	Status changed to Candidate by TP TP Ref: OMA-TP-2010-0207-INP_XHTML_MP_CON_1_3_ETS_for_Notification

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