



Enabler Test Specification for Wireless Application Environment (WAE)

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1. Scope

This document describes in detail available test cases for OMA Wireless Application Environment (WAE) version 2.3.

This document is an “umbrella” document, specifying the tests applicable for Browsing 2.3.

No test cases are listed in this document, but a set of other ETSs are referenced, where test cases can be found.

2. References

2.1 Normative References

- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”. S. Bradner. March 1997.
[URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [WAE]; [WAESpec] “Wireless Application Environment Specification”, Open Mobile Alliance™ OMA-WAP-WAESpec-V2_3. URL. <http://www.openmobilealliance.org>
- [WAE22ETS] “Enabler Test Specification for Wireless Application Environment 2.2 (WAE)”, Open Mobile Alliance™ OMA-WAP-WAESpec-V2_2. URL. <http://www.openmobilealliance.org>
- [WAEMedia] “WAE Defined Media Type”, Open Mobile Alliance™. WAP-237-WAEMT. URL. <http://www.openmobilealliance.org>
- [VSWAP J2K] Compliance testsuite for WAP J2K. The test suite can be downloaded from <http://member.openmobilealliance.org>
- [VSWAP 2.0] Compliance testsuite for WAP 2.0. The test suite can be downloaded from <http://member.openmobilealliance.org>
- [XHTMLMP12ETS] “Enabler Test Specification for XHTML 1.2”, Open Mobile Alliance™ OMA-ETS-XHTML-V1_2, <http://www.openmobilealliance.org>
- [ESMP10ETS] “Enabler Test Specification for ESMP 1.0”, Open Mobile Alliance™ OMA-ETS-ESMP-V1_0, <http://www.openmobilealliance.org>
- [WML13ETS] “Enabler Test Specification for WML 1.3”, Open Mobile Alliance™ OMA-ETS-WML-V1_3, <http://www.openmobilealliance.org>
- [WML20ETS] “Enabler Test Specification for WML 2.0”, Open Mobile Alliance™ OMA-ETS-WML-V2_0, <http://www.openmobilealliance.org>
- [WCSS11ETS] “Enabler Test Specification for WCSS 1.1”, Open Mobile Alliance™ OMA-ETS-WCSS-v1_1, <http://www.openmobilealliance.org>
- [WMLScriptETS] “Enabler Test Specification for WML Script Language”, Open Mobile Alliance™ OMA-ETS-WMLS, <http://www.openmobilealliance.org>
- [WMLStdLibETS] “Enabler Test Specification for WML Script Standard Libraries”, Open Mobile Alliance™ OMA-ETS-WMLStdLib, <http://www.openmobilealliance.org>

2.2 Informative References

None

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

WAE	Wireless Application Environment
WAEMT	Wireless Application Environment Media Types
HTML	HyperText Markup Language
HTTP	HyperText Transfer Protocol [HTTP]
HTTPSM	HyperText Transfer Protocol State Management, see [HTTPSM]
OMA	Open Mobile Alliance
WAESpec	Wireless Application Environment Specification, see [WAESpec]
WAP	Wireless Application Protocol

4. WAE Test Documentation

This section is informative.

4.1 The WAE Test Documents Suite

The following lists the suite of test documents applicable to the Wireless Application Environment 2.3, the root specification of Browsing 2.3.

- Wireless Application Environment Enabler Test Specification (This document)
- XHTML Mobile Profile Version 1.2 Enabler Test Specification [XHTMLMP12ETS]
- ECMAScript Mobile Profile Version 1.0 Enabler Test Specification [ESMP10ETS]
- Wireless Markup Language Specification Version 1.3 Enabler Test Specification [WML13ETS]
- Wireless Markup Language Specification Version 2.0 Enabler Test Specification [WML20ETS]
- Wireless CSS Enabler Version 1.1 Test Specification [WCSS11ETS]
- WMLScript Language Specification Enabler Test Specification [WMLScriptETS]
- WMLScript Standard Libraries Specification Enabler Test Specification [WMLStdLibETS]
- Wireless Application Environment 2.2 Enabler Test Specification [WAE22ETS]

5. Introduction

The purpose of this document is to provide test cases for OMA Wireless Application Environment (WAE) version 2.3.

In addition to XHTMLMP, WAE allows clients to support WML1 and WML2. A set of optional tests is therefore provided for the WML1 clients.

The test tool, VSWAP, serves content using WML2 syntax for the WAE-XHTMLMP tests and WML1.3 syntax for the WAE-WML1 tests.

A pure XHTMLMP client that does not support any WML2 syntax will not be able run any VSWAP tests.

Because the WAE conformance tests in VSWAP also test interoperability of the client under test with WAP Gateways and HTTP proxies, no specific IOP tests are identified in this document. If the conformance test cases are run successfully against a server/proxy, then interoperability will have been established within the limits of the test coverage.

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 2.3 History

Document Identifier	Date	Sections	Description
Draft Version OMA-ETS-WAE-V2_3-20060328-D	28 Mar 2006	All	First draft, built on v2.2
Draft Version OMA-ETS-WAE-V2_3-20060328-D	05 Apr 2006	4.1	Updated during Vancouver f2f meeting.
Draft Version OMA-ETS-WAE-V2_3-20060410-D	10 Apr 2006	2.1	Added missing reference, related to change in 4.1
Draft Version OMA-ETS-WAE-V2_3-20060420-D	20 Apr 2006	n/a	Document agreed by the IOP WG.
Candidate Versions OMA-ETS-WAE-V2_3	09 May 2006	n/a	Approved as Candidate on TP R&A. TP ref #OMA-TP-2006-0153-OMA-ETS-WAE-V2_3_for_Approval