



Sharable Content Object Reference Model (SCORM™) Version 1.1

Conformance Matrix

(From: The Sharable Content Object Reference Model (SCORM™) Version 1.1
Conformance Requirements and Certification Testing Procedures Version 1.1)

Version 1.1

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Advanced Distributed Learning Sharable Content Object Reference Model Conformance Matrix

(From: The Sharable Content Object Reference Model (SCORM™) Version 1.1
Conformance Requirements and Certification Testing Procedures Version 1.1)

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I. Learning Management System Run-Time Environment Conformance Matrix

Learning Management System (LMS) Conformance Categories
<p>SCORM Version 1.1 Run-Time Environment Conformant – Minimum</p> <p><u>Conformance Label:</u> LMS–RTE1</p> <p><u>Requirements Summary:</u> The LMS:</p> <ul style="list-style-type: none">• Is able to launch a known conformant Sharable Content Object (SCO) as defined in Section 3.2 of the SCORM Version 1.1, and• Provides and exposes an API Adapter as a Document Object Model (DOM) object and correctly implements all of the API functions as described in the SCORM Version 1.1 Section 3.3, and• Correctly Implements support for all required SCORM Version 1.1 Run-time Environment Data Model Mandatory Elements as described in Section 3.4 of the SCORM Version 1.1. <p><i>Note: If the LMS incorrectly implements one or more SCORM Version 1.1 Run-time Environment Data Model Optional Elements, and does not implement any other optional data model elements correctly, then the LMS is still considered to be LMS-RTE1 conformant as long as the criteria above are met.</i></p>
<p>SCORM Version 1.1 Run-Time Environment Conformant - Minimum with Some Optional Data Model Elements</p> <p><u>Conformance Label:</u> LMS–RTE2</p> <p><u>Requirements Summary:</u> The LMS:</p> <ul style="list-style-type: none">• Is “SCORM Version 1.1 Run-Time Environment Conformant – Minimum” and• Correctly implements one or more (not all) of the optional SCORM Version 1.1 Run-time Environment Data Model Optional Elements. <p><i>Note: If the LMS incorrectly implements one or more SCORM Version 1.1 Run-time Environment Data Model Optional Elements, the LMS can still be considered LMS-RTE2 conformant as long as one or more other data model elements are implemented correctly.</i></p>
<p>SCORM Version 1.1 Run-Time Environment Conformant - Minimum with All Optional Data Model Elements</p> <p><u>Conformance Label:</u> LMS–RTE3</p> <p><u>Requirements Summary:</u> The LMS:</p> <ul style="list-style-type: none">• Is “SCORM Version 1.1 Run-Time Environment Conformant – Minimum”, and• Correctly implements all of the optional SCORM Version 1.1 Run-Time Environment Data Model Optional Elements.



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II. Sharable Content Object Run-Time Environment Conformance Matrix

Sharable Content Object (SCO) Conformance Categories
<p>SCORM Version 1.1 Run-Time Environment Conformant – Minimum</p> <p><u>Conformance Label:</u> SCO–RTE1</p> <p><u>Requirements Summary:</u> The SCO:</p> <ul style="list-style-type: none">• Is able to be launched by a known conformant LMS as defined in Section 3.2 of the SCORM Version 1.1, and• Searches for and finds an API Adapter as a Document Object Model (DOM) object, and• Implements, at a minimum, the LMSInitialize() and LMSFinish() API functions as described in the SCORM Version 1.1 Section 3.3, and• Any additional API functions that are called are called correctly.
<p>SCORM Version 1.1 Run-Time Environment Conformant – Minimum with Some Mandatory Data Model Elements</p> <p><u>Conformance Label:</u> SCO–RTE1+Mandatory</p> <p><u>Requirements Summary:</u> The SCO:</p> <ul style="list-style-type: none">• Is “SCORM Version 1.1 Run-Time Environment Conformant – Minimum”, and• Implements support for correctly getting and/or setting one or more LMS mandatory SCORM Version 1.1 Run-time Environment Data Model Elements. (Note LMS mandatory is defined as those data model elements that are required to be implemented by an LMS.) <p><i>Note: If the SCO incorrectly implements one or more mandatory SCORM Version 1.1 Run-time Environment Data Model Elements, the SCO is non-conformant</i></p>
<p>SCORM Version 1.1 Run-Time Environment Conformant – Minimum with Some Optional Data Model Elements</p> <p><u>Conformance Label:</u> SCO–RTE1+Optional</p> <p><u>Requirements Summary:</u> The SCO:</p> <ul style="list-style-type: none">• Is “SCORM Version 1.1 Run-Time Environment Conformant – Minimum”, and• Implements support for correctly getting and/or setting one or more LMS optional SCORM Version 1.1 Run-time Environment Data Model Elements. (Note LMS optional is defined as those data model elements that are optional for implementation by an LMS.) <p><i>Note: If the SCO incorrectly implements one or more optional SCORM Version 1.1 Run-time Environment Data Model Elements, the SCO is non-conformant.</i></p>

**Sharable Content Object (SCO)
Conformance Categories**

SCORM Version 1.1 Run-Time Environment Conformant – Minimum with Some Optional and Some Mandatory Data Model Elements

Conformance Label: **SCO–RTE1+Mandatory+Optional**

Requirements Summary: The SCO is:

- “SCORM **Version** 1.1 Run-Time Environment Conformant – Minimum with Some Mandatory Data Model Elements”, and
- “SCORM **Version** 1.1 Run-Time Environment Conformant – Minimum with Some Optional Data Model Elements”.

III. Meta-Data Conformance Matrix

Course, Content and Raw Media Meta-data Conformance Categories
<p>SCORM Version 1.1 Meta-data XML Conformant – Minimum</p> <p><u>Conformance Label:</u> MD-XML1</p> <p><u>Requirements Summary:</u> The Course, Content, or Raw Media Meta-data XML Instance:</p> <ul style="list-style-type: none">• Is a well formed XML Document, and• Is valid against the IMS Learning Resource Metadata Version 1.1 XML Document Type Definition (DTD) (Note for Version 1.1, ADL is only testing using the non-name spaced version of the IMS DTD.), and• Contains elements that conform to their corresponding specified data types, and• Contains all mandatory document elements for the corresponding category (Course, Content, Raw Media) as described in Section 2.2.3 of the SCORM Version 1.1, and• Elements defined as having restricted vocabularies adhere to all defined vocabularies as defined in Section 2.2.3 of the SCORM Version 1.1.
<p>SCORM Version 1.1 Meta-data XML Conformant – Minimum with Optional Elements</p> <p><u>Conformance Label:</u> MD-XML1+Optional</p> <p><u>Requirements Summary:</u> The Course, Content, or Raw Media Meta-data XML Instance:</p> <ul style="list-style-type: none">• Is “SCORM Version 1.1 Meta-data XML Conformant – Minimum”, and• Contains one or more elements that are designated as optional meta-data elements for the corresponding meta-data type (Course, Content, Raw Media) as described in Section 2.2.3 of the SCORM Version 1.1, except for extensions (e.g. <extension>). <p><i>Note: If the Meta-data instance incorrectly implements one or more elements that are designated as optional document elements for the corresponding meta-data type (Course, Content, Raw Media) as described in Section 2.2.3 of the SCORM Version 1.1, the Meta-data Instance is non-conformant.</i></p>
<p>SCORM Version 1.1 Meta-data XML Conformant – Minimum with Extensions</p> <p><u>Conformance Label:</u> MD-XML1+Extensions</p> <p><u>Requirements Summary:</u> The Course, Content, or Raw Media Meta-data XML Instance:</p> <ul style="list-style-type: none">• Is “SCORM Version 1.1 Meta-data XML Conformant – Minimum”, and• Contains one or more extensions. Note, extensions must be defined within the extensions tag (i.e. <extension>) according to the IMS Learning Resource Meta-data Version 1.1. DTD. The SCORM Version 1.1 Conformance Test Suite will ignore elements defined within the <extension> tag when validating against the IMS Learning Resource Meta-data DTD.

**Course, Content and Raw Media Meta-data
Conformance Categories**

SCORM Version 1.1 Meta-data XML Conformant – Minimum with Optional Elements and Extensions

Conformance Label: **MD-XML1+Optional+Extensions**

Requirements Summary: The Course, Content, or Raw Media Meta-data XML Instance:

- Is “SCORM **Version 1.1** Meta-data XML Conformant – Minimum with Optional Elements”, and
- Is “SCORM **Version 1.1** Meta-data XML Conformant – Minimum with Extensions”.

