

MULTIPLE SEQUENCING WITH API CONTENT EXAMPLE (MSCE) README

INTRODUCTION

Thank you for downloading the SCORM® 2004 3rd Edition Multiple Sequencing Content Example (MSCE) Version 1.1 from the Advanced Distributed Learning (ADL) Initiative. The purpose of the MSCE is to provide information and example code in preparation for implementation of SCORM 2004 3rd Edition projects.

The MSCE Version 1.1 contains multiple SCORM 2004 3rd Edition Conformant Content Aggregation Content Packages, each employing a different sequencing strategy. The content packages can be imported into any SCORM 2004 3rd Edition Conformant LMS and explored. ADL provides the freely available SCORM 2004 3rd Edition Sample Run-Time Environment (RTE) as a SCORM 2004 3rd Edition conformant example LMS implementation. MSCE has been tested to work in the SCORM 2004 3rd Edition Sample RTE Version 1.0.1. The remainder of these instructions assumes use of the Sample RTE for experiencing the MSCE content.

To run MSCE, first download the SCORM 2004 3rd Edition Sample RTE from ADLNet.gov at the following link: <http://www.adlnet.gov/scorm/index.cfm>. Refer to the associated ReadMe file that is included with the Sample RTE and follow the installation instructions.

This course is designed, tested, and verified to work within the SCORM 2004 3rd Edition Sample RTE Version 1.0.1 and may not work on previous versions of the Sample RTE. *It will not work with a SCORM Version 1.2 conformant LMS.* For the latest RTE, refer to the Downloads section of ADLNet.gov (<http://www.adlnet.gov>).

CHANGE HISTORY

Changes made to MSCE from Version 1.0 and Version 1.1:

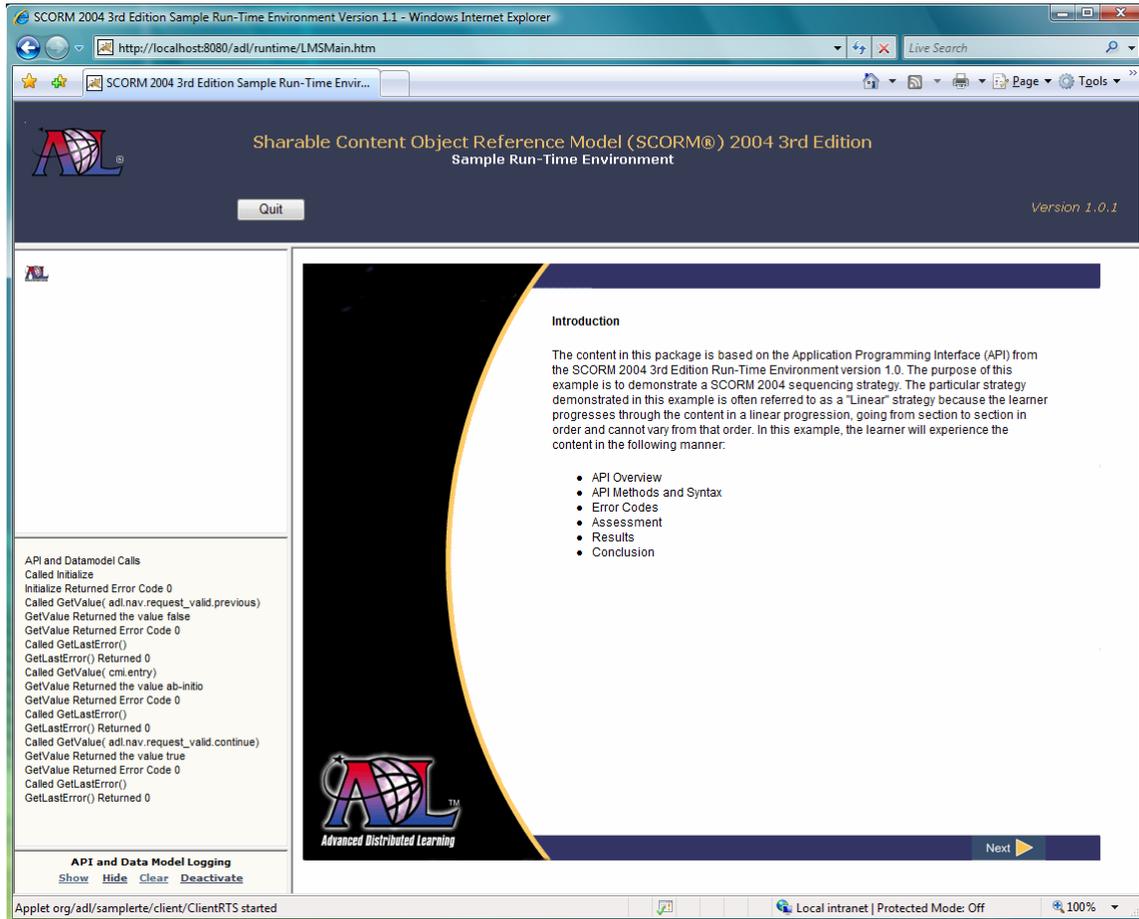
- This version of MSCE has been tested to render in Microsoft® Windows® Internet Explorer 7 through the adjustment of styles.css style sheet.
- The content was authored to the W3C XHTML 1.0 Transitional specification (<http://www.w3.org/TR/xhtml1/>).
- Single page assets, with LMS navigation, were made into single page SCOs. This was to enable navigation events since assets cannot communicate with the LMS.
- The `adlcp_v1p3.xsd` and `adlnav_v1p3.xsd` XML schemas have also been updated.

USAGE

The MSCE is to be used by content developers to enhance understanding of the development of SCORM conformant content. The API content has been sequenced in four different ways. Each sequencing strategy is its own content package that can be viewed to better understand how the strategy functions and is coded. Reusability has been

employed through the use of the same content, but with each package making use of a different sequencing strategy

Because of the sequencing strategies presented, the navigation for each strategy may vary. Becoming familiar with the navigation aspects will enhance the learning experience during the time spent in the content.



Screen shot of MSCE being run in the SCORM 2004 3rd Edition Sample RTE Version 1.0.1

To navigate through the strategies, the learner uses the LMS provided “Next” and “Previous” buttons. The sequencing strategies are as follows:

Default Sequencing

The learner has the ability to go anywhere in the content at any time, by clicking either the page to page navigation (the “Next” button) or clicking on the side menu navigation for module to module.

Linear

In the Linear strategy, the learner navigates in a linear fashion, clicking the “Continue” button to go from module to module and the “Next” button to go to the next screen. Upon

completion of all the content, the learner will be presented with assessment questions. This area is navigated by clicking the “Next” button.

Knowledge Paced

The learner is first presented with assessment questions for the specific module in the Knowledge Paced example. The assessment questions are navigated by clicking the “Next” button. When the assessment is completed, the learner will click the “Continue” button to go to the next module. Upon completion of the content for each module, the learner is then presented with a post-test assessment.

Competency Assessment

When in the Competency Assessment strategy, the learner is first presented with assessment questions for all of the modules. The assessment questions are navigated by clicking the “Next” button. When the assessment is completed, the learner will click the “Continue” button to go to the next set of content. Upon completion of all the content, the learner is then presented with a post-test assessment.

The ADL Technical Team has made the code of this content example viewable for adaptation and implementation into your own SCORM 2004 projects.

FEEDBACK

To address questions or provide feedback about the content example, visit the Ask the Experts section of the ADLNet.gov. (<https://www.adlnet.gov/scorm/question/index.cfm>).

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