

DATA MODEL ELEMENTS CONTENT EXAMPLE (DMCE) README

INTRODUCTION

Thank you for downloading the SCORM® 2004 3rd Edition Data Model Elements Content Example (DMCE) version 1.1 from the Advanced Distributed Learning (ADL) Initiative. The purpose of DMCE is to provide data model element information in preparation for implementation of SCORM 2004 3rd Edition projects. The DMCE package is only an example. Use this example to aid in the design and development process.

DMCE is a SCORM 2004 3rd Edition Conformant Content Aggregation Content Package. The content package can be imported into any SCORM 2004 3rd Edition Conformant Learning Management System (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. DMCE 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 DMCE content.

To run DMCE, 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 DMCE from Version 1.0 and Version 1.1:

- This version of DMCE has been modified to improve browser rendering in Microsoft® Windows® Internet Explorer 7 through the adjustment of styles.css style sheet.
- The adlcp_v1p3.xsd and adlnav_v1p3.xsd XML schemas have also been updated.

USAGE

The DMCE is to be used by instructional designers and content developers to enhance understanding of the design and development of SCORM conformant content. The three aspects of the content, Conceptual Content, Conceptual Content Assessment, and Application, allow the learners to not only gain information but also to practice the coding necessary for the development of content. The ADL Technical Team understands

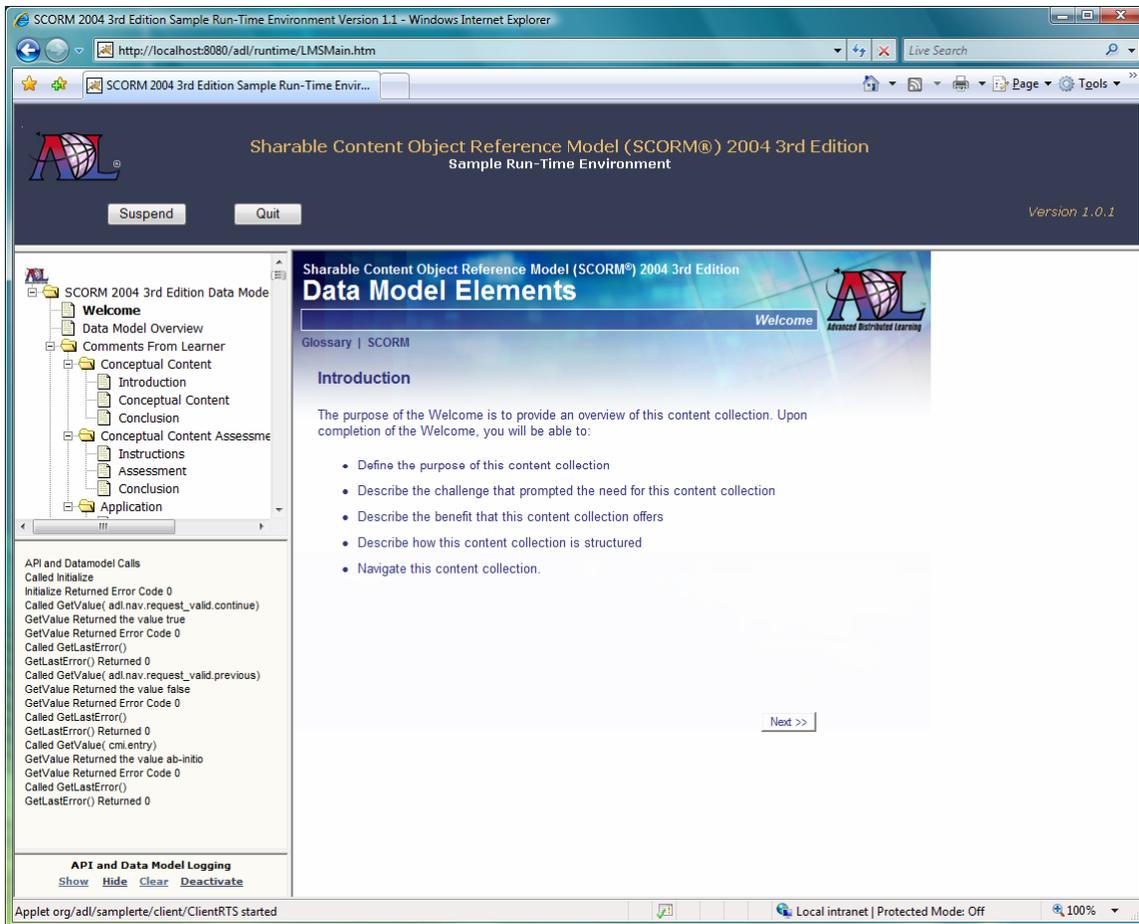
that instructional designers and content developers may have different needs. The intention of this content is to satisfy those needs.

The learner can select any element to view individually through the Sample RTE side menu. A linear sequencing is employed by use of the previous or next buttons available within the content. In the Conceptual content and Application sections, submit buttons are necessary for submitting information. Use of the enter key on the keyboard will result in errors, so be sure to click on the buttons. Also included are tabs at the top of the page that will enable the user to navigate to ADLnet.gov for more information and a Glossary tab to give the user definitions of terms used in the content.

The content is organized by each Run-Time Environment Data Model Element available in SCORM 2004 3rd Edition. Each set of data model element content is structured into three subsections: Conceptual Content, Conceptual Content Assessment and Application.

- Conceptual Content presents valuable information relative to the Data Model Element being discussed.
- Conceptual Content Assessment allows self-assessment of the information presented in the Conceptual Content.
- Application allows developers familiar with JavaScript to apply the syntax required to communicate with a SCORM 2004 3rd Edition conformant LMS.

For the developer audience, the ADL Technical Team has made the code transparent for adaptation and implementation into your own SCORM 2004 3rd Edition projects. The implementation is built using non-proprietary technologies including Extensible HyperText Markup Language (XHTML), JavaScript, and cascading style sheets (CSS). The code is available for examination and reuse by viewing the source on any page and copy-and-paste for general use.



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

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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