The e-Learning Authoring Tool
The tool for creating SCORM-based online learning content

The e-Learning Authoring Tool (or AT for short) is a simple, easy to use tool for creating online course content. Its design allows you to create rich media courses containing text plus images, Flash animations, audio and video created with your favorite media editors. Every course you create will fully conform to the SCORM standard.

With the AT, you can quickly create courses for employees, customers, partners, or even the general public. Your learners will enjoy an easy to navigate course with a clean, professional design. You will not need any programming skills to create courses with the AT. You author your course with easy to use forms and a built-in HTML editor.

To get started you simply add a page to the course outline, select a page type, and add the content for that page. The page types can range from information pages that present the course content, to question pages that allow you to check the learner’s progress, to more complex interactions for a quiz or test. Each page has attributes that allow you to control how that page contributes to course completion, course score, and navigation to follow-on
You create the content of a page with a built-in HTML Editor, or if you prefer, you can edit the raw HTML directly. Either way, your courses will be dynamic and engaging by adding the media content you choose. The AT lets you focus on the content and interactivity of your courses. The hard part – like navigation, bookmarking, scoring and other capabilities that every e-learning course needs – are all built in!

The easy to use features allow Subject Matter Experts to get involved and share valuable knowledge, as well as to repurpose data from other sources to create self-paced learning content with speed and agility. Capture the knowledge and information within your organization now and start producing courses today.

**Page Types**

Get started and quickly become proficient in working with the 5 basic page types:

- **Information** – present content to the learner using any and all the media options available: text, images, Flash animations, audio and video. All the standard files types are supported: jpg, gif, bmp, png, wma, mp3, wmv, mpg, mpeg and swf.
- **Question** – build pages into the course to check the learner’s progress through True/False, Single Choice, Multiple Choice, and Matching questions. All of the logic for checking answers and providing custom feedback based on the answer is built in. You control how each question contributes to the overall course score, and requirements to continue with the course.
- **Quiz** – A quiz contains one or more pools of questions, and the course can deliver all or some of the questions in each pool to the learner. The learner is allowed to check his or her answers as they go. You control how the quiz contributes to the overall course score, and requirements to continue with the course.
- **Test** - A test contains one or more pools of questions, and the course can deliver all or some of the questions in each pool to the learner. The learner may grade the test at anytime to get a score and a summary of his or her performance. Your course design controls what happens next based on the score and test completion requirements.
- **Summary** – The summary page is used to provide a summary of the learner’s performance within the course. You may decide to make the summary page look like a certificate. Variables can be included within the summary page to display course specific information, such as the learners name, the date, and the score for the course.
Question Pages
The AT includes 4 standard question types that can be included as pages within the course, or as question types in a quiz or test. Creating a question page is easy. Simply fill in the blanks for the question prompt and appropriate answers. The question scoring logic, including basic feedback, is all built into the authoring tool – no programming! You can optionally define additional custom feedback for each question/answer option. This allows you to provide specific remediation to user on a question by question basis.

- **True/False** – Enter the question prompt and indicate whether the correct answer is True or False. Provide custom feedback whether the answer is correct or incorrect.
- **Single Choice** – Enter the question prompt and provide choices for the correct answer. You can optionally randomize list of choices. The custom feedback can change depending on which answer was selected. This lets you be very specific in providing remediation instructions to the learner to clarify incorrect conclusions.
- **Multiple Choice** – Very similar to the single choice question, this option allows you to indicate one or more possible correct answers. Again, you can choose to randomize the list of possible answers, and the custom feedback can be different depending on whether all the correct responses were selected, or if one or more response is incorrect.
- **Matching** – The matching question is your basic “Match Column A with Column B” question. The responses in Column B are automatically randomized. Your custom feedback can be different depending on whether all the correct responses were selected, or if one or more response is incorrect.

When used as pages with the course, you as the author determine how the question affects the course score, and how the question affects navigation within the course.

**Course Completion Options**

- The question does not contribute to the course’s completion or pass/fail.
- The learner must visit the question page.
- The learner must complete the question page.
- The learner must pass the question page. If selected, also indicate what percentage of the overall course score this question represents.

**Course Navigation Options**

- The question does not affect navigation to follow-on pages.
- The learner must visit the question page before navigation further in the course.
• The learner must complete the question page before navigation further in the course.
• The learner must pass the question page before navigation further in the course.

Tests/Quizzes
The AT can be use to build online tests and quizzes quickly and easily. Absolutely no programming is required. The tests or quizzes can be incorporated into a course, or stand alone.

Create tests and quizzes with true-false, multiple choice (single answer and multiple answer), and matching questions. For both quizzes and tests, you add any number of questions to create a pool of questions, and then control how many questions from the pool are delivered to the learner. By creating multiple question pools within the test or quiz, you can control the number of questions from different categories, for example subject matter or difficulty level.

Your quiz or test can be completely randomized. The sequence questions within each pool are randomized. Additionally you can randomize the order of choices in multiple choice questions.

The tests and quizzes have an Introduction page that is customizable to provide specific instructions to the learner. You set the passing score and can also a time limit for tests. A built in status bar allows the learner to navigate within the test or quiz. For quizzes, the learner may check their answers as they go. In a test, the learner submits the test to be graded when ready.
Runtime Course Navigation

The built-in navigation makes it easy for the learner to move forward and back within a course.

The course menu, or table of contents, is automatically created and can optionally be displayed when the course is launched or hidden. The course menu displays the current location in the course, allows the learner to jump to any page, and visually indicates to the learner which pages he or she has visited, completed, or passed.

The learner can navigate through the course in several ways:

- Click the mouse on the Previous or Next buttons
- Click the mouse on a page within the course menu
- Use the arrow keys on the keyboard.

Advancement through the course controlled by completed pages and question scores. Each page has attributes that allow you to control how that page contributes to course completion, course score, and navigation to follow-on pages.

The course is delivered with a set of optional rich links to important information. These are:

- Glossary Link – allows you to provide a glossary of terms to the learner
- Resources – used to provide a list of other resources or useful information
- Help – provide instructions to the learner on how to navigate through and use the course

Course Delivery

The e-Learning Authoring tool lets you create courses that can be delivered from:

- A Learning Management System (LMS) using SCORM, the standard way to communicate between a course and an LMS
- Local storage such as CD-ROM, DVD, hard disk or a Local Area Network
- A web site

When you launch the course from a LMS, the course keeps track the learner's interaction with the course. The course can be stopped at any time and resumed from the same location. Any information entered by the learner is restored when he or she resumes the course.
When the course delivery is integrated with an LMS, the summary page can display the learner’s name, today’s date and course score. This is useful in presenting a course completion certificate to the learner.

SCORM Delivery

SCORM stands for the Sharable Content Object Reference Model. SCORM provides a standard way to package a course to load within a Learning Management System (LMS). SCORM also provides a way for the course and the LMS to communicate. You can learn more about SCORM at the Advanced Distributed Learning (ADL) web site (www.adlnet.gov). The course communicates information about the learner's activity with the course. This includes:

- The course has been started
- The course has been stopped for now but not completed
- The course has been stopped and completed
- The specific interactions encountered by the learner and the student responses to those interactions
- The score provided for each test question and the overall grade

SCORM Compliance Details

Using the e-Learning Authoring tool ensures your courses and tests are SCORM compliant. The AT fully supports SCORM 1.2 and SCORM 2004.

When you deliver your course or test with a SCORM-based Learning Management System (LMS), the questions are automatically graded and the results sent back to the LMS. The AT reports the overall score (raw, minimum and maximum), the course status (incomplete, completed, passed or failed) and the results of individual questions. The AT saves and restores bookmarks and all of the state data so a learner can take the course in multiple sessions. Courses developed with the E-Learning Authoring tool will pass the SCORM conformance test.

Go to [http://www.e-learningconsulting.com/products/authoring/authoring.html](http://www.e-learningconsulting.com/products/authoring/authoring.html) to learn more about the e-Learning Authoring Tool