

Adding a Quiz to a Captivate Movie

A Self-Paced Lesson for Instructional Design Students

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Introduction to Captivate Quizzes

Overview

Macromedia Captivate is a software application for creating interactive demonstrations and simulations. It is especially useful for creating software simulations and online tutorials. It also enables a designer to add and customize a variety of interactive question slides, which can be combined to create assessment instruments.

If you have created or are creating a Captivate movie for e-learning, there are several reasons for using Captivate to create your learning assessment.

1. Immediate assessment
The learner will not have to navigate to another file or application to complete the assessment.
2. Integration with LMS
If you are using an LMS, Captivate has built-in capabilities for sending the results of the assessment to the LMS. Even if you aren't using an LMS, Captivate can email the results to a specified address.
3. Authoring in a single application
It's easier to maintain the look and feel of your e-learning when everything is authored using the same application.

Course Objective

Given a Captivate movie, the learner will add at least two assessment items and configure them accordingly.

Instructional Objectives

- Given a Captivate movie, the learner will be able to open the Quiz Manager and configure the Reporting, Quiz, and additional options
- Given a Captivate movie, the learner will be able to insert a new Question Slide.
- Given a Captivate movie, the learner will be able to insert and configure a multiple choice question.

Getting Started

Requirements

The entire lesson should take you less than two hours to complete. To complete the lesson, you will need access to a computer with Captivate. If you don't have Captivate, you can download a trial version at <http://www.macromedia.com/cfusion/tdrc/index.cfm?product=captivate>

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It's best to print a copy of the lesson so that you can refer to it while you work on a Captivate movie, but you can open the electronic version of the lesson in Microsoft Word if you prefer.

You will need...

- Two hours total
- Computer with Captivate

System requirements:

- Microsoft Windows 2000 or Windows XP
- A 600-MHz Intel Pentium III processor or equivalent
- 128 MB of RAM (256 MB recommended)
- 100 MB of available disk space
- 800 x 600 resolution color display or better (1024 x 768, millions of colors recommended)

Software and accessories for publishing and recording:

- Internet Explorer 5.0 or later
- Flash Player 6 or later
- Microphone to record audio
- Speakers and sound card

How to Complete this Lesson

This lesson is divided into three modules which should be completed in sequence because each module builds upon the knowledge and skills gained in the previous module. Following is a brief overview of each module:

1. Using the Quiz Manager (45 min.)
This module provides an introduction to Captivate's Quiz Manager. You will learn how to configure the parameters of your assessment instrument, including the output options (e.g. to your LMS), navigation and branching, default feedback messages, and the percentage/score needed to pass.
2. Inserting a Question Slide (20 min.)
This module teaches you how to insert a Question Slide into your Captivate movie. You will learn about the types of questions available as well as strategies for using them.
3. Configuring a Multiple Choice Question Slide (30 min.)
This module teaches you how to configure a particular type of Question Slide: Multiple Choice. Once you know how to configure one type of Question Slide, the others are easy. You'll learn how to configure a single slide's parameters, including feedback messages, branching for correct and incorrect answers, and weighting questions.

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Once you have everything you need, continue to Module 1: **Using the Quiz Manager**.

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Using the Quiz Manager

Module 1 goes here.

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Inserting a Question Slide

Module 2 goes here.

Configuring a Multiple Choice Question Slide

Overview of Module 3

In Module 2 you learned about the types of Question Slides available in Captivate as well as strategies for using those slides.

In this module you will learn how to configure the Multiple Choice Question Slide. Once you understand how to configure one type of Question Slide, the others are fairly easy. You will learn how to enter a question and multiple answers (specifying one or more answers as correct), configure the messages and branching for correct and incorrect answers, enter metadata for the LMS, and weight a question.

Getting Started

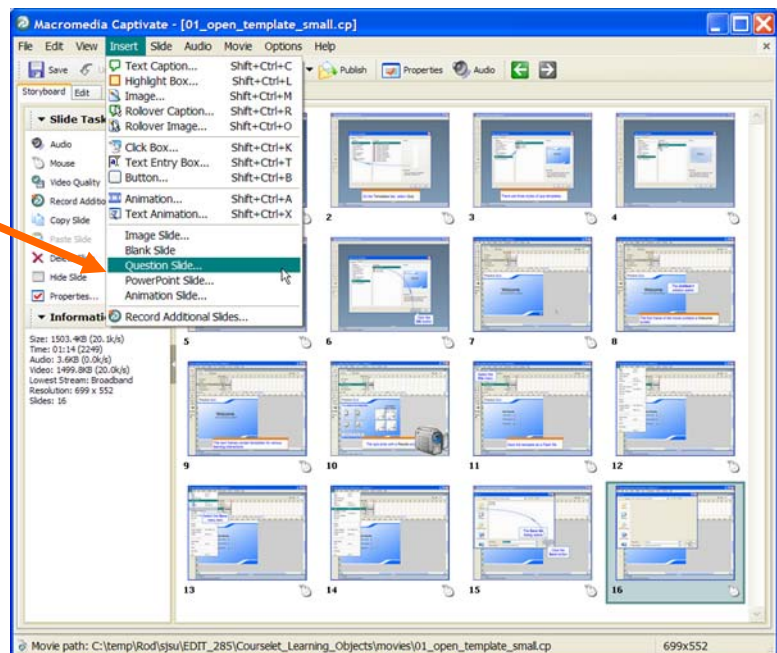
In Module 1 you opened a Captivate movie and configured the quiz parameters using the Quiz Manager. In Module 2 you learned how to insert a Question Slide. Now open the Captivate movie (if it's not already open).

Inserting a Multiple Choice Question Slide

Just as you did in Module 2, you'll begin by inserting a Question Slide.

Select the slide before where you want to insert a Question Slide. In this case you're going to insert the slide at the end of the movie, so select the last slide.

Select Insert > Question Slide.

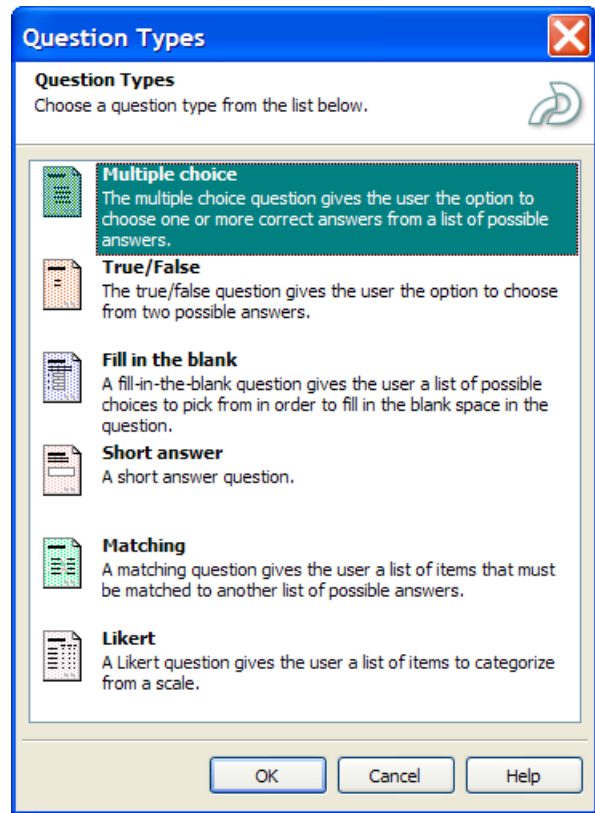


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Question Types

The Question Types dialog box shows the various types of questions available, along with brief explanations of each type.

Select **Multiple choice** and click **OK**.



Configuring a Multiple Choice Question Slide

The Question Tab

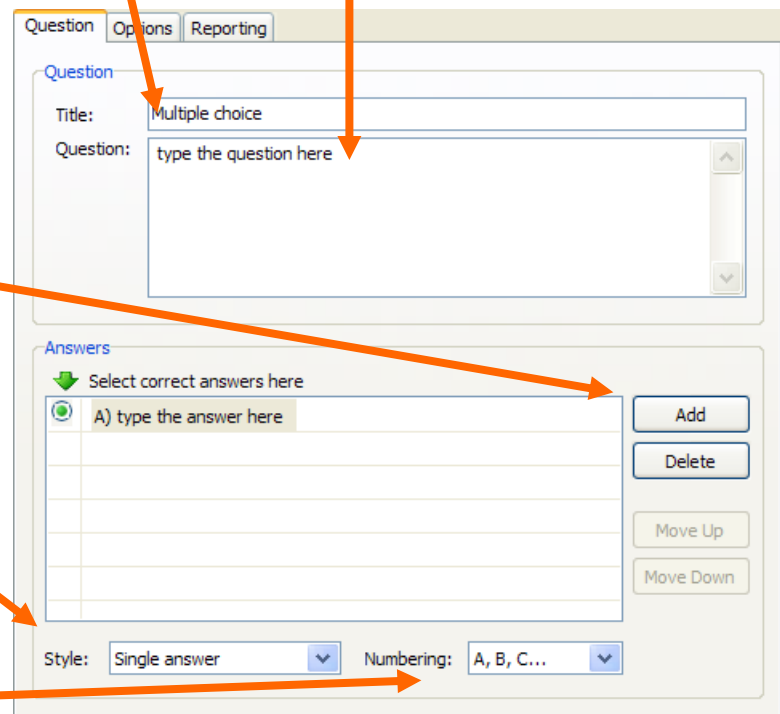
Enter a **Title** for the question. The title appears on the slide in the movie. It's a good idea to give each question a unique title.

In the **Question** text box, type your question exactly as you want it to appear on the slide.

In the **Answers** area, click the **Add** button to enter the possible answers. You can use the **Delete** button to remove answers, and you can order the answers using the **Move Up** and **Move Down** buttons.

Use the **Style** pulldown to specify whether the question has a single correct answer or multiple correct answers.

Use the **Numbering** pulldown to specify the numbering style for the answers.



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If you selected the “Single answer” style, each answer has a radio button next to it. Click the radio button next to the correct answer. If you selected the “Multiple answers” style, each answer has a check box next to it. Click the check boxes next to each correct answer.

The Options Tab

Select the **Options** tab.

Use the **Type** pulldown to specify whether the question is graded or is a survey. You are creating a quiz, so select “Graded.”

In the **If correct answer** area you specify what happens if the learner chooses the correct answer to the question.

The **Jump to** pulldown offers a variety of options for controlling the path that the learner takes.

This is known as

“branching,” which means that the learner’s path is determined by choices made by the learner. For example, a correct answer may allow the learner to continue to the next content item, while an incorrect answer may send the learner to a slide for review.

The **Jump to** pulldown offers the following options:

- **Continue:** Select this option to have the movie continue playing.
- **Go to previous slide:** Select this option to have the movie return to the previous slide.
- **Go to next slide:** Select this option to have the movie proceed to the next slide
- **Jump to slide:** Select this option to have the movie jump to a specific slide.
- **Open URL or file:** Select this option to have the movie jump to a specific URL on the Internet or to a local file. Click the pop-up menu to select the

The screenshot shows the 'Options' tab of a Captivate question editor. It is divided into several sections: 'Type', 'If correct answer', 'If wrong answer', and 'Buttons'. The 'Type' dropdown is set to 'Graded - there are right and wrong answers'. The 'If correct answer' section has 'Jump to' set to 'Go to next slide' and 'Show correct message' checked. The 'If wrong answer' section has 'Allow user' set to '1 attempts or Infinite attempts', 'Jump to' set to 'Go to next slide', and 'Show error message', 'Show retry message', and 'Show incomplete message' all checked. The 'Buttons' section has 'Show clear button', 'Show back button', and 'Show next button' all checked. An orange arrow points from the text 'Use the Type pulldown...' to the 'Type' dropdown menu.

The screenshot shows the 'Jump to' pulldown menu. The 'Continue' option is selected and highlighted in a teal color. Other options listed include 'Go to previous slide', 'Go to next slide', 'Jump to slide', 'Open URL or file', 'Open other movie', 'Send e-mail to', and 'Execute JavaScript'.

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window in which the URL should appear; choose from Current, New, Parent, and Top.

- **Open other movie:** Select this option to have the movie begin playing a different movie. Click the pop-up menu to select the window in which the movie should appear; choose from Current, New, Parent, and Top.
- **Send e-mail to:** Select this option to open the default mail browser.
- **Execute JavaScript:** Select this option to run a specific piece of JavaScript code.
 - Click More to enter the JavaScript you would like to execute.
- **No Action:** Select this option to have messages (e.g. error or retry) appear, but no other action take place.

The **Show correct message** check box determines whether the learner sees the default feedback message (as specified in the Quiz Manager—see Module 1).

In the **If wrong answer** area you specify what happens if the learner chooses the incorrect answer to the question.

The **Allow user** fields specify the number of attempts the learner can try before another action (such as a **Jump to** action) occurs.

The screenshot shows the 'Options' tab of a quiz question configuration window. It is divided into three sections: 'Type', 'If correct answer', and 'If wrong answer', with a 'Buttons' section at the bottom. The 'Type' section has a dropdown menu set to 'Graded - there are right and wrong answers'. The 'If correct answer' section has a 'Jump to' dropdown set to 'Go to next slide' and a 'Go to next slide' text field. A checked checkbox labeled 'Show correct message' is present. The 'If wrong answer' section has an 'Allow user' spinner set to '1' and an unchecked checkbox for 'Infinite attempts'. Its 'Jump to' dropdown is also set to 'Go to next slide'. Three checked checkboxes are shown: 'Show error message', 'Show retry message', and 'Show incomplete message'. The 'Buttons' section has three checked checkboxes: 'Show clear button', 'Show back button', and 'Show next button'. Two orange arrows point from the text on the left to the 'Show correct message' and 'Allow user' fields.

The **Jump to** pulldown offers the same options as the one in the **If correct answer** area. Use the **Show error message** check box to specify whether the learner sees the default feedback message for an incorrect answer. If you've allowed the learner more than one attempt, use the **Show retry message** to provide a message like "Please try again." Use the **Show incomplete message** to alert the learner if she fails to select an answer (e.g. "Please select an answer."). The default text for these messages is specified in the Quiz Manager (see Module 1).

The **Buttons** area allows you to specify whether the learner sees various buttons that facilitate navigation through the movie.

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The Reporting Tab

Select the **Reporting** tab.

Use the **Report answers** check box to specify whether this question is part of the overall quiz score. Contact your LMS administrator for the appropriate values to use for Objective ID and Interaction ID.

The **Objective ID** is optional. If the question is related to an objective set in the LMS, enter the LMS objective ID in this field.

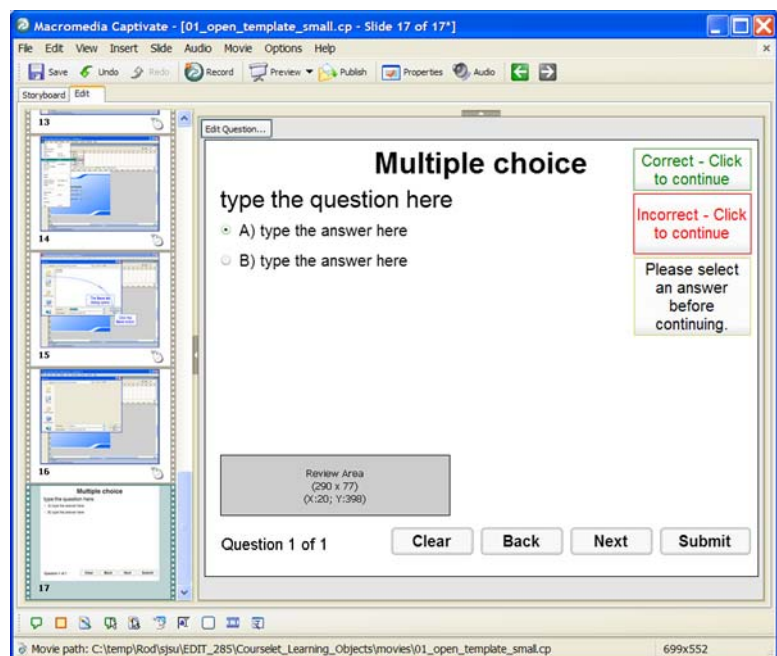
Enter an **Interaction ID** if you want Captivate to send tracking information to the LMS.

In the **Settings** area, enter a value for the weight of the question using the **Weighting** scrolling list. As you might expect, a question with a weight of 2 is worth twice as much as a question with a weight of 1.

If you want to limit the amount of time the learner has to answer the question, click the **Time limit** check box and enter the amount of time in hours:minutes:seconds format (e.g. 00:02:30 is 2 minutes and 30 seconds).

When you're finished configuring the Multiple Choice question, click **OK**. The new slide should

The screenshot shows the 'Reporting' tab in the Macromedia Captivate interface. It features a 'Report answers' section with a checked checkbox, 'Objective ID' (Quiz10022), and 'Interaction ID' (Interaction11302) fields. Below is a 'Settings' section with a 'Weighting' dropdown set to '1' and a 'Time limit' field set to '00:05:00' (hh:mm:ss). Three orange arrows point from the text on the left to the 'Report answers' checkbox, the 'Objective ID' field, and the 'Time limit' field.



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appear at the end of the Captivate movie.

Review of Module 3

In Module 1 you learned how to configure a quiz using the Quiz Manager. In Module 2 you learned how to insert a Question Slide. You also learned the similarities and differences among the various types of Question Slides, and you examined some strategies for combining and sequencing slides to create a quiz.

In this module you learned how to configure the Multiple Choice Question Slide. In particular you learned how to:

- enter a question and multiple answers (specifying one or more answers as correct)
- configure the messages and branching for correct and incorrect answers
- enter metadata for the LMS
- weight a question and set a time limit

By now you should see how powerful Captivate is and have some ideas about how you can use it in your teaching and instructional design. You should be able to apply what you learned about the Multiple Choice Question Slide to configure other types of slides. Remember to use Captivate's Help features if you run into something you can't figure out.