

## Slider Widget Help Contents

For more help, see [Multimedia ToolBook 4.0 CBT Edition Help](#).



### **Using the Slider question widget**

Information and step-by-step instructions to help you use this widget.



### **Slider Question Properties dialog box**

Descriptions to help you use this widget's Properties dialog box.



## Using the Slider question widget

Click a topic below for more information.

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## About the Slider question widget

### Using the Slider question widget

The Slider question widget allows the user to move a slider in response to a question. You can define multiple ranges for the slider.





## Adding a Slider question widget

Using the Slider question widget

### To add a Slider question widget:

- 1 Drag the Slider question widget from the Widget Catalog and drop it onto the page.
- 2 Open the Slider Question Properties dialog box (General tab) by choosing Question from the Object Properties submenu in the Object menu.
- ♦ To limit the amount of time or the number of attempts that are to be allowed for a question, and to define when a question is to be reset, select the appropriate options.
- 3 To set options for answers, click the [Answers](#) tab.
- ♦ To define an answer and its range, click Add, then select a range for the answer in the Add an Answer box..
- ♦ Select any other appropriate options.
- 4 To set options for scoring, click the [Scoring](#) tab, then select whether the question is to be scored, how the question is to be weighted, and other appropriate options.
- 5 To add immediate feedback (feedback that occurs at the time of response), click the [Immediate Feedback](#) tab, then select the appropriate options.
- 6 To add delayed feedback (feedback that occurs later), click the [Delayed Feedback](#) tab; then select the appropriate options.
- 7 To accept the current property settings, click OK.





## Generic question widget behavior

### Using the Slider question widget

All question widgets respond to and use the same messages and functions.

If enabled, question widgets reset their appearance and properties whenever the `ASYM_Reset` message is sent (in most cases when the page is entered and the `enterPage` message is sent). You can use the `ASYM_Reset` message to provide additional behavior within the widget. If you do write a handler for `ASYM_Reset`, you must always forward this message.

The visual appearance of the question widget is set by the `ASYM_WID_Chosen` message. You can use this message to define particular behavior for the widget.

A question widget is locked when the `ASYM_WID_Locked` property is set to `true`. This property is handled automatically by the system.

You can get the value of a question score using the `ASYM_WID_Score()` function. You can then display the score by sending the `ASYM_ShowYourScore` message to the question.

Feedback for a question widget can be [immediate](#) or [delayed](#). If delayed, an outside object must trigger the feedback by sending the `ASYM_PlayFeedback` message to the question widget. This object could be one of the Check Response widgets from the widget catalog.

You can specify the following types of feedback for question widgets:

- ♦ Play a media clip.
- ♦ Display text in a field or record field named "`feedback`", or in a popup window.
- ♦ Send a custom OpenScript message to the question.
- ♦ Execute a hyperlink.





## Slider Question Properties (General tab)

Object menu / Object Properties / Question

**Keyboard: Ctrl+Shift+W**

Sets general Slider question properties.

**Note** Click a tab below to see its options.

<b><u>4</u> - Immediate Feedback</b>	<b><u>5</u> - Delayed Feedback</b>
<b><u>1</u> - General</b>	<b><u>2</u> - Answers</b>
	<b><u>3</u> - Scoring</b>

Option	Description
Name	Specifies the question name, which is used for writing information to the log file.
Limit Time	Specifies the limit on the amount of time allowed for a response to the question. The count for the time begins when the question is reset, usually when the page is entered. When the time limit is reached, the question is locked and no further responses are allowed.
Limit Tries	Specifies the limit on the number of tries allowed for the question. (A try is counted when a question is scored or when feedback plays.) When the limit is reached, the question is locked and no further responses are allowed.
Automatically Reset Question	<p>Specifies if and when the question is reset.</p> <ul style="list-style-type: none"> <li>◆ Never: Never on page navigation. Reset occurs only when an ASYM_Reset message is sent to the page, to the book, or directly to the widget.</li> <li>◆ When entering the page: When the page is entered.</li> <li>◆ When leaving the page: When the page is exited.</li> <li>◆ Always: Every time the page is entered and exited.</li> </ul> <p>Hint: You may want to use the Never option and reset the widget whenever you save and reset the book. Check the Prompt for Reset When Saving option in the Book Properties-CBT Extensions dialog box.</p>

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## Slider Question Properties (Answers tab)

Object menu / Object Properties / Question

**Keyboard: Ctrl+Shift+W**

Defines answers and sets special Slider question properties.

**Note** Click a tab below to see its options.

<b><u>4</u> - Immediate Feedback</b>	<b><u>5</u> - Delayed Feedback</b>	
<b><u>1</u> - General</b>	<b><u>2</u> - Answers</b>	<b><u>3</u> - Scoring</b>

<b>Option</b>	<b>Description</b>
Possible Answers	Lists the defined responses for the question in the form of slider ranges. Click the graphic at the beginning of each line to toggle the correctness of each response.
Add	Opens the <u>Add An Answer</u> dialog box, which you can use to add a range definition.
Edit	Opens the <u>Edit The Answer</u> dialog box, which you can use to edit a range definition. Hint: Double clicking on an answer in the Possible answers box will also open the Edit the Answer dialog box.
Delete	Deletes the selected range definition.
Slider Range	Specifies the minimum and maximum range of the slider.
Cannot Change Response	Locks individual response elements when the user selects an answer.
Set Slider Value On Reset	If activated, allows the user to set the position of the slider to a Random or Specific value when the question is reset.



## Slider Question Properties (Scoring tab)

Object menu / Object Properties / Question

**Keyboard:** Ctrl+Shift+W

Defines how Slider question is to be scored and weighted.

**Note** Click a tab below to see its options.

<b><u>4</u> - Immediate Feedback</b>	<b><u>5</u> - Delayed Feedback</b>	
<b><u>1</u> - General</b>	<b><u>2</u> - Answers</b>	<b><u>3</u> - Scoring</b>

<b>Option</b>	<b>Description</b>
Score this question	Specifies if the question is to be scored.
Possible answers	Displays the possible answers that were defined under the Answers tab. Hint: Double click on an answer to go to the Edit the Answer dialog box under the Answers tab.
Weight of Answer	Specifies the percentage of the maximum score to be applied to the answer. Select Automatic for automatic weighting of the question.
Lowest possible score	If the question is to be scored, set a minimum score for the question by typing a number in the Lowest Possible Score box.
Highest possible score	If the question is to be scored, set a maximum possible score by typing a number in the Highest Possible Score box.
Partially correct response	Select how a partially correct response is to be scored.



## Slider Question Properties (Immediate Feedback tab)

Object menu / Object Properties / Question

**Keyboard: Ctrl+Shift+W**

Defines Slider question immediate feedback.

**Note** Click a tab below to see its options.

<b><u>1</u> - General</b>	<b><u>2</u> - Answers</b>	<b><u>3</u> - Scoring</b>
<b><u>4</u> - Immediate Feedback</b>	<b><u>5</u> - Delayed Feedback</b>	

<b>Option</b>	<b>Description</b>
Enable feedback	Causes feedback to be delivered at the time of response
Possible answers	Lists the slider ranges that are defined as possible answers for the question. Click the graphic at the beginning of each line to toggle the correctness of each range. Double click to go to the Edit the Answer dialog box under the Answers tab.
Select All Correct	Selects all correct responses, allowing you to specify the same feedback for all correct responses without having to define feedback for each correct response separately.
Select All Incorrect	Selects all incorrect responses, allowing you to specify the same feedback for all incorrect responses without having to define feedback for each incorrect response separately.
Play Media Clip	Specifies the clip to play for the selected response. To choose a clip, click ♦ (opens the <a href="#">Media Clip</a> dialog box).
Feedback Text	Specifies the text that is to be displayed for the selected response. To add or edit the text, click ♦ (opens the <a href="#">Feedback Text</a> dialog box).
Send OpenScript	Specifies the OpenScript message to send to the question for the selected response. To add or edit the message, click ♦ (opens the <a href="#">Send OpenScript Message</a> dialog box).
Go To Page	Specifies the hyperlink to execute for the selected response. To add or edit the hyperlink, click ♦ (opens the <a href="#">Hyperlink</a> dialog box).
Of Book	Specifies the book that owns the specified hyperlink page.





# Slider Question Properties (Delayed Feedback tab)

Object menu / Object Properties / Question

**Keyboard: Ctrl+Shift+W**

Defines Slider question delayed feedback.

**Note** Click a tab below to see its options.

<b><u>1</u> - General</b>	<b><u>2</u> - Answers</b>	<b><u>3</u> - Scoring</b>
<b><u>4</u> - Immediate Feedback</b>	<b><u>5</u> - Delayed Feedback</b>	

<b>Option</b>	<b>Description</b>
Feedback to execute on request...	Allows you to deliver different types of delayed feedback depending on the number of correct responses to the question.
Play Media Clip	Specifies the clip to play for the selected response. To choose a clip, click ♦ (opens the <a href="#">Media Clip</a> dialog box).
Feedback Text	Specifies the text that is to be displayed for the selected response. To add or edit the text, click ♦ (opens the <a href="#">Feedback Text</a> dialog box).
Send OpenScript	Specifies the OpenScript message to send to the question for the selected response. To add or edit the message, click ♦ (opens the <a href="#">Send OpenScript Message</a> dialog box).
Go To Page	Specifies the hyperlink to execute for the selected response. To add or edit the hyperlink, click ♦ (opens the <a href="#">Hyperlink</a> dialog box).
Of Book	Specifies the book that owns the specified hyperlink page.



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## Feedback Text (dialog box)

Object menu / Object Properties / Question / Feedback tab / Feedback Text

Defines the text to display as feedback for the Slider question.

Option	Description
Text field	Specifies the text to display when a response matches the current item.
Show Only If Media Will Not Play	Displays text only if the assigned clip will not play. If no clip is assigned, this option is ignored.
Display Method	Controls the method by which the text is displayed. <b>Note</b> When text is displayed in a popup window, the first textline is displayed as the title in bold text and the remaining textlines are displayed with normal text. <ul style="list-style-type: none"><li>♦ Auto (Use Popup If No Field Exists). Uses a field, if present; otherwise, uses a popup window.</li><li>♦ Use Popup Window. Displays text in a popup window.</li><li>♦ Use Feedback Field. Puts the text into the text of a field or record field named "<i>feedback</i>".</li></ul>

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## **Send OpenScript Message (dialog box)**

Object menu / Object Properties / Question / Feedback tab / Send OpenScript

Defines the OpenScript message to send as feedback for a Slider question. Add or enter the text you want to use, then click OK. Checking Add message to hotlist saves your message in the combo box for later use.

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## **Add An Answer / Edit The Answer (dialog box)**

**Object menu / Object Properties / Question / Answers tab / Add or Edit**

Defines the range for answers. Click the operator buttons to construct range expressions. Enter the text used between operators. Concatenate range definitions by clicking And. The resulting definition must be a valid OpenScript expression.

To designate the response as a correct answer, click on the graphic in the lower left corner of the box.



