Creating Tests with eXeLearning

Output & Objectives

Testing the learning progress is an essential part of an eLearning course. It shows the users what they have already understood and which part of the content they should repeat reading.

Ingredients

- *Current version of the free authoring tool eXeLearning: http://exelearning.net*
- *A moment to think about which parts of the content are suitable for self-testing*
- *Questions that they can be checked with an automated feedback*

Tips & Tricks

The freeware HotPotatoes (http://hotpot.uvic.ca/) can also be used to design self-tests. You can include the HotPotatoes tests by using the Java Applet iDevice or you can include an external hyperlink to the test location in the eXeLearning content.

Step by Step

eXeLearning offers various types of iDevices (instructional devices) designed for the self-testing. To add a self-test, you can choose between one of the iDevices **marked in red**:

iDevices

Name

Activity

Case Study

Cloze Activity

DropDown Activity

External Web Site

Free Text

Image Gallery

Image Magnifier

Java Applet

Multi-choice

Multi-select

Objectives

Preknowledge

Reading Activity

Reflection

RSS

SCORM Quiz

True-False Question

Wiki Article

1. Install and start eXeLearning.

2. In the iDevice pane on the left part of your screen:
Simply click on one of the iDevices suitable for self-testing. The iDevice will appear in the authoring pane (right part of the screen).

3. **Start including the necessary information** in the different fields of the iDevice's entry form, e.g. title, instructions, question, feedback, hint. Depending on the test type, not all fields are obligatory. Empty fields will not be shown to the learner.

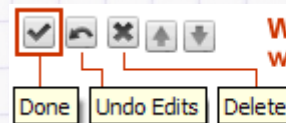4. Add further answer options or questions by clicking the buttons:

Add another option — Needed if the test contains several options for answering (Multi-choice/Multi-select)

Add another question — Needed If your test shall consist of more than one question per question type

5. Click "**Done**" when you have finished the test design. Now try it out!

When you have finished working with the iDevice

Done   Undo Edits   Delete

These are the options to close the iDevice's entry form.

Editing or Deleting the Self-Test

Edit   Delete   the iDevice

When you have closed the iDevice's entry form, you can return by clicking the "**Edit**" icon. Click on the "**Delete**" icon to delete the whole self-test.

Steps (cont')

Comments on Certain iDevices

True-False Question

(Instruction)
Is the following statement true or false?

(Question)
"eXeLearning can be used to create self-tests."

True. ⦿ False. ◯
Correct.

(Content-related Feedback)
eXeLearning offers various types of self-tests
that can be created for the self-assessment of the learners.

Multi-choice

Which type of self-test is most suitable when
only one of several answer options is correct?

◯ Multi-choice
⦿ Multi-select

No, Multi-select is the test type where
two or more answer options are correct.

Here, the wording of the question is crucial. eXeLearning only offers the answer options "True" and "False" and the automated feedback "Correct" and "Incorrect". So, it is good to add an instruction and a content-related feedback to make the test more clear. Both the automated and the content-related feedback appear as soon as the learner clicks on one answer option.

Don't forget to mark which answer option(s) is/are correct. You can find the buttons to do so outside the right border of the "Option" field(s).

Java Applet

This iDevice is not a test type. However, it can be used to implement self-tests (or other content running as Java Applet, e.g. animations) that have been designed with the help of other programs.