

Chamilo LMS - Feature #3863

Make it possible to change question type

01/09/2011 03:28 - Yannick Warnier

Status:	New	Start date:	01/09/2011
Priority:	Normal	Due date:	
Assignee:		% Done:	50%
Category:	Exercises	Estimated time:	0.00 hour
Target version:	3.0	Spent time:	0.50 hour
Complexity:	Normal	SCRUM pts - complexity:	8

Description

This is a very specific case because I understand not all types are compatible.
Only *multiple possibilities, single answer* (MPSA) and *multiple possibilities, multiple answer* (MPMA) should be allowed to switch.

Ex: MPSA

A1

A2

A3* (2pts)

A4

would become a possible MPMA

A1

A2

A3* (2pts)

A4

with the possibility to change it to:

A1*

A2

A3*

A4

History

#1 - 02/05/2012 01:59 - Yannick Warnier

- Target version changed from 1.9 Stable to 1.9.2

#2 - 07/09/2012 09:28 - Yannick Warnier

- Target version changed from 1.9.2 to 1.9.4

#3 - 24/12/2012 03:58 - Yannick Warnier

- Category set to Exercises

Question types are:

```
define ('UNIQUE_ANSWER', 1);
define ('MULTIPLE_ANSWER', 2);
define ('FILL_IN_BLANKS', 3);
define ('MATCHING', 4);
define ('FREE_ANSWER', 5);
define ('HOT_SPOT', 6);
define ('HOT_SPOT_ORDER', 7);
define ('HOT_SPOT_DELINEATION', 8);
define ('MULTIPLE_ANSWER_COMBINATION', 9);
define ('UNIQUE_ANSWER_NO_OPTION', 10);
define ('MULTIPLE_ANSWER_TRUE_FALSE', 11);
define ('MULTIPLE_ANSWER_COMBINATION_TRUE_FALSE', 12);
define ('ORAL_EXPRESSION', 13);
```

```
define('GLOBAL_MULTIPLE_ANSWER', 14);
define('MEDIA_QUESTION', 15);
```

The idea would be to allow a type "1" to become a type "2", and the other way around (although the other way around would imply abandoning anything but the first "correct" answer).

This could be made possible through an additional button at the end of the question edition screen (only for those two types) saying "Convert to multiple answers" / "Convert to single answer".

#4 - 24/12/2012 05:01 - Yannick Warnier

- File *chamilo-3863.patch* added

- Target version changed from 1.9.4 to 2.0

This is a patch that could be applied to 1.9.4dev to enable this feature, but I'm not feeling comfortable adding it now. I think it should be added to Chamilo 1.10 but **after** the next merge which will stabilize the platform for icpna.

```
diff -r fd44cd0957c4 main/exercice/multiple_answer.class.php
--- a/main/exercice/multiple_answer.class.php    Sun Dec 23 21:50:44 2012 -0500
+++ b/main/exercice/multiple_answer.class.php    Sun Dec 23 22:58:16 2012 -0500
@@ -149,8 +149,14 @@
         $form->addElement('style_submit_button', 'lessAnswers', get_lang('LessAnswer'), 'class="btn minus"');
         $form->addElement('style_submit_button', 'moreAnswers', get_lang('PlusAnswer'), 'class="btn plus"');
         $form->addElement('style_submit_button', 'submitQuestion', $text, 'class="'. $class. '"');

+         if (!empty($this->id)) {
+             $form->addElement('style_submit_button', 'changeQuestionType', get_lang('ConvertToUniqueAnswer'), 'class="btn refresh"');
+         }
+     }
+ }

+     if (!empty($this->id)) {
+         $renderer->setElementTemplate('{element}&nbsp;', 'changeQuestionType');
+     }
+     $renderer->setElementTemplate('{element}&nbsp;', 'lessAnswers');
+     $renderer->setElementTemplate('{element}&nbsp;', 'submitQuestion');
+     $renderer->setElementTemplate('{element}&nbsp;', 'moreAnswers');
diff -r fd44cd0957c4 main/exercice/question.class.php
--- a/main/exercice/question.class.php          Sun Dec 23 21:50:44 2012 -0500
+++ b/main/exercice/question.class.php          Sun Dec 23 22:58:16 2012 -0500
@@ -1314,6 +1314,19 @@
        //Save normal question if NOT media
        if ($this->type != MEDIA_QUESTION) {
            if ($this->type == UNIQUE_ANSWER) {
                $switch = $form->getSubmitValue('changeQuestionType');
                if (isset($switch)) {
                    $this->updateType(MULTIPLE_ANSWER);
                }
            } elseif ($this->type == MULTIPLE_ANSWER) {
                $switch = $form->getSubmitValue('changeQuestionType');
                if (isset($switch)) {
                    //@todo make sure there's only one correct answer left
                    //@todo when converting from multiple to unique, if an answer is incorrect with a score of 1, the score is converted to -1 (!?)
                    $this->updateType(UNIQUE_ANSWER);
                }
            }
            $this->save($objExercise->id);

            // modify the exercise
@@ -1602,4 +1615,4 @@
        }
        return $html;
    }
-}
\ No newline at end of file
+}
diff -r fd44cd0957c4 main/exercice/question_admin.inc.php
--- a/main/exercice/question_admin.inc.php      Sun Dec 23 21:50:44 2012 -0500
+++ b/main/exercice/question_admin.inc.php      Sun Dec 23 22:58:16 2012 -0500
@@ -53,7 +53,7 @@
```

```

}

// FORM VALIDATION
- if (isset($_POST['submitQuestion']) && $form->validate()) {
+ if ((isset($_POST['submitQuestion']) or (isset($_POST['changeQuestionType']))) && $form->validate()) {

    // question
    $objQuestion->processCreation($form, $objExercise);
diff -r fd44cd0957c4 main/exercice/unique_answer.class.php
--- a/main/exercice/unique_answer.class.php    Sun Dec 23 21:50:44 2012 -0500
+++ b/main/exercice/unique_answer.class.php    Sun Dec 23 22:58:16 2012 -0500
@@ -237,8 +237,14 @@
        $form->addElement('style_submit_button', 'lessAnswers', get_lang('LessAnswer'),'class="btn mi
nus"');
        $form->addElement('style_submit_button', 'moreAnswers', get_lang('PlusAnswer'),'class="btn pl
us"');
        $form->addElement('style_submit_button', 'submitQuestion',$text, 'class="'.$class.'"');
+
+     if (!empty($this->id)) {
+         $form->addElement('style_submit_button', 'changeQuestionType',get_lang('ConvertToMultiple
Answer'), 'class="btn refresh"');
+     }
+ }
+ }
+
+     if (!empty($this->id)) {
+         $renderer->setElementTemplate('{element}&nbsp;','changeQuestionType');
+     }
+     $renderer->setElementTemplate('{element}&nbsp;','submitQuestion');
+     $renderer->setElementTemplate('{element}&nbsp;','lessAnswers');
+     $renderer->setElementTemplate('{element}&nbsp;','moreAnswers');

```

Attaching the patch file and postponing to 1.10.

#5 - 24/12/2012 05:01 - Yannick Warnier

- % Done changed from 0 to 50

- SCRUM pts - complexity changed from ? to 8

#6 - 31/01/2016 23:17 - Yannick Warnier

- Target version changed from 2.0 to 3.0

Files

chamilo-3863.patch	3.92 KB	24/12/2012	Yannick Warnier
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