

1. Introduction

Goal: Make the `Correct` button password protected. This revised file now uses the `eq-pin2corr` package to make things simpler. Additional commands are introduced here to manage the smooth transition from password PIN protection, to an ordinary quiz, and back to a PIN protected quiz.

Discussion: This file illustrates the methods for protecting the `Correct` button with a password. To create a PIN protected `Correct` button, expand `\usePINCorrBtn` (`eq-pin2corr`) prior to the quiz. Following the quiz, use the commands `\restoreNormalEndQuiz` (`exerquiz`) and `\restoreCorrBtn` (`eq-pin2corr`). The latter restores the default action of the `End Quiz` control, this is needed because `thorshammer` changes this action to a custom action; `\restoreCorrBtn` removes the PIN security of the `Correct` control.

There is another command `\useEndQuizThor` (`thorshammer`) is used to modify the `End Quiz` control to the action as defined by the `thorshammer` package. Read additional comments found in the body and source of this file.

2. Quiz with PIN to correct

For the quiz below, the **Correct** button has an encrypted password. The password appears in parentheses for the convenience of the casual reader.

Solve each

1. The sum of 1 and 1 is...

0

1

2

3

4

2. $9 + 8 =$

(PIN: 5243)

3. Quiz without PIN to correct

Now we try to create an ordinary exerquiz quiz without password protection.

Solve each

1. The sum of 1 and 1 is...

0

1

2

3

4

2. $9 + 8 =$

4. Another quiz with PIN to correct

It is possible to have a different PIN number for this quiz (multiple PINs in one document), but I see no need for this.

The previous quiz was a normal `exerquiz` quiz. We now want another PIN protected quiz, so prior to this next quiz we expand `\usePINBtn` and `\useEndQuizThor`. The latter is a new command that restores the default action of the `thorhammer` package to the End Quiz event.

Solve each

1. The sum of 1 and 1 is...

0

1

2

3

4

2. $9 + 8 =$

(PIN: 5243)