

— FREE TOOL · DEMO COURSE

# From slide deck to **SCORM** **course.**

A short walkthrough of the free PPTX to SCORM converter, built with the converter itself. Use the arrow keys or the buttons below.



# Three things on the machine that builds the course.

01

## Python 3.8+

The converter is one script that uses only the standard library.

02

## Poppler

Its pdftoppm program turns each page of your PDF into a slide image.

OPTIONAL

## LibreOffice

Only if you hand it a .pptx. Exporting to PDF yourself is better.

# Export your deck to PDF and make a course folder.

Exporting it yourself lets you check every slide before learners see it. The converter uses the PDF if there is one, and falls back to a .pptx only when there isn't.

```
safety_briefing/  
├─ slides.pdf      # your deck  
├─ course.json    # optional  
└─ audio/         # optional  
    ├─ slide_01.mp3  
    └─ slide_04.mp3
```

— CHECK YOUR UNDERSTANDING

# Your folder has both **slides.pptx** and **slides.pdf**.

A question appears over this slide. The learner has to answer it before moving on, and the answer counts toward the score sent to the LMS.

**QUIZ ON THIS SLIDE**

# Describe the course in course.json.

```
{  
  "title": "Shop Safety Briefing",  
  "passing_score": 80,  
  "slides": {  
    "1": { "audio": "audio/slide_01.mp3" },  
    "4": { "quiz": { "question": "...", "choices": ["A", "B", "C"],  
                  "correct": 2, "explanation": "..."} }  
  }  
}
```

# Run one command. Upload one zip.

```
$ python pptx_to_scorm.py safety_briefing
```

```
SCORM package created: safety_briefing_scorm.zip
```

```
  Slides:      12
```

```
  Quizzes:      3
```

```
  Audio files:  12
```

```
  Passing score: 80%
```

The converter checks course.json against the deck first, so a typo shows up here, not in front of a learner.

# A standard SCORM 1.2 package.

|               |                                                           |
|---------------|-----------------------------------------------------------|
| <b>Status</b> | passed or failed against your passing score               |
| <b>Score</b>  | percent of quiz questions answered correctly              |
| <b>Resume</b> | learners who close the window pick up where they left off |
| <b>Time</b>   | session time for each sitting                             |

— THAT'S THE WHOLE TOOL

# Free to use, change and share.

MIT licensed. Download it at [loomforth.ai/tools/pptx-to-scorm](https://loomforth.ai/tools/pptx-to-scorm).  
Press Finish course to see how the score is reported.