



NUtitleII: Accessibility Helper Toolkit for PowerPoint

Three macros to speed up accessibility work in existing decks: Alt-Text Helper, Title Helper, and Table Header Fixer. Every helper not only updates your slides, but also writes a log so you can see exactly what changed and where.

Important Notice: These helpers are intended as a first-pass accessibility aid only. They help speed up workflows by automating certain accessibility-related elements identified by Microsoft PowerPoint's Accessibility Checker, but they do not ensure Title II compliance. Human review and institutional accessibility guidance are recommended, especially for complex or content-specific issues.

1. What the three helpers do (and what they log)

Alt-Text Helper (RunAltTextGenerator.RunOnCurrent)

- Adds alt text to images and charts based on nearby slide content.
- Copies visible text into alt text for text boxes and labeled shapes that lack it.
- Marks lines, arrows, borders, and empty text boxes as decorative and clears their alt text.
- Creates an Excel log (*_AltTextLog.xlsx) listing each slide, object, and the alt text or decorative change applied.

Title Helper (NewPT5.RunOnCurrent / NewPT5.RunOnCurrent_WithLog)

- Promotes the main heading text on each slide into a proper Title placeholder.
- Builds the title from the top text box and stops when bullet points begin.
- Keeps the original text box content, adjusts title size and color for readability, and improves results in the Accessibility Checker.
- The _WithLog version creates an Excel file (*_TitleHelperLog.xlsx) showing which slides received new titles and what text was used.

Table Header Fixer (RunTableHeaderFixer / RunTableHeaderFixer_WithLog)

- Scans all tables in the deck.
- Turns on the "Header Row" setting when the first row is serving as column headers.
- Leaves tables alone when a header row is already configured.
- The log version creates an Excel file (*_TableHeaderLog.xlsx) summarizing which tables were fixed and which were already OK.

2. What these tools never do

- Delete slides or tables.
- Change or rewrite the visible text on your slides.
- Overwrite existing alt text, titles, or manually configured table headers.
- Modify themes, colors, or layouts (beyond setting title text color for contrast).

3. How to run the helpers

Open the NUtitledII.pptm file and your PowerPoint file:

- In the menu bar of the slide deck you wish to edit, choose Tools → Macro → Macros. In the dropdown menu, be sure the NUtitledII file is chosen. In the “Macro name” list, choose one of the helpers and click Run. Begin with the Title macro (NewPT5.RunOnCurrent_WithLog); do the Alt Text helper last (RunAltTextGenerator.RunOnCurrent).

Excel logs (for auditing and peace of mind):

- Alt-Text Helper log: creates *_AltTextLog.xlsx. • Title Helper log: creates *_TitleHelperLog.xlsx. • Table Header Fixer log: creates *_TableHeaderLog.xlsx- all of these are saved into the same location as your slide deck

4. Tips for reviewing changes

- Open the Excel logs first to see which slides, images, titles, and tables were changed.
- Use PowerPoint’s Accessibility Checker after running the helpers to catch anything that still needs a human edit (especially complex figures or theory diagrams).
- For high-stakes content, skim alt text and titles on key slides to confirm they say what you intend.

5. Need Assistance:

- There is no customer support; however, to watch a video (12 minutes) demonstrating how to use the .pptm file, please click [HERE](#).