The ltx-talk class

A replacement for beamer which allows PDF tagging

Overleaf Support

December 7, 2025

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ltx-talk on CTAN

Please see CTAN (ctan.org) for more information about ltx-talk.
As mentioned there,

- `ltex-talk` class is focused on producing (on-screen) presentations, along with support material such as handouts and speaker notes.
- `ltex-talk` class has syntax similar to the popular beamer class, although there are some (deliberate) differences.
- `ltex-talk` has been implemented to support creation of tagged (accessible) PDF output as a core aim. As such, it is suited to creating output for reuse in other formats, e.g. HTML conversions, without additional steps.

ltx-talk with Overleaf

`ltex-talk` is available on Overleaf, but it requires a few special settings.

- The `ltex-talk`class requires LaTeX2025-11-01 or later.
- Currently, this version is only available on Overleaf through the **rolling TeX Live** available through **Overleaf Labs**.
- The PDF tagging support requires the use of the LuaLaTeX compiler.

A richer example

A more involved example using `ltex-talk` is available for download as a zip file from the class author's blog: https://www.texdev.net/2025/07/12/ltx-talk-a-new-class-for-presentations. The zip file provided there can be uploaded to Overleaf to create a project, but the TeX Live version must be updated to be the rolling version and the compiler must be updated to be LuaLaTeX.