

reStructuredText to LectureDoc² (rst2ld)

rst2ld enables the conversion of lecture slides authored in **reStructuredText** to **LectureDoc2** format.

Getting Started - Setup a Project

1. create a directory in which you want to store your slides; e.g., `mkdir slides`
2. change to the directory: `cd slides`
3. initialize git: `git init`
4. add the *LectureDoc2* and *restructuredTextToLectureDoc2* projects as submodules:
 - `git submodule add https://github.com/delors/LectureDoc2`
 - `git submodule add https://github.com/delors/reStructuredTextToLectureDoc2`

Getting Started - Optional

1. add a script to (automatically) generate slides (e.g., <https://github.com/Delors/Lectures/blob/main/gen-slides.zsh>)
2. add `docutils.conf` when necessary (<https://github.com/Delors/Lectures/blob/main/docutils.conf>); i.e., if you have mathematical (`.. math::`) expressions in your slides and want to refer to a specific version of MathJax.
3. add `.gitignore` file with `*.rst.html` if you don't want to archive the generated web pages

Generating PDFs

In general, PDFs are generated by converting the HTML files to PDFs using a browser. As of 2024, Safari has the best support for printing HTML to PDF (don't use the **Export as PDF...** feature; use **Print → PDF**). Chrome works in most cases reasonably well, Firefox often fails miserably.

A script (<https://github.com/Delors/Lectures/blob/main/gen-pdfs-from-slides.zsh>) for generating PDFs using Safari (tested on Mac OS 14 (Sonoma)) is available. This script requires that LectureDoc is found in the **LectureDoc2** subfolder. This script basically automates Safari by simulating user input. Hence, don't use your Mac while the script is running.