

The CERN web-based Slides' maker

Aristofanis Chionis - Athens' University

Maria Dimou CERN IT-CDA-IC

Michal Kolodziejski CERN-IT-CDA-WF

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Information Technology Department

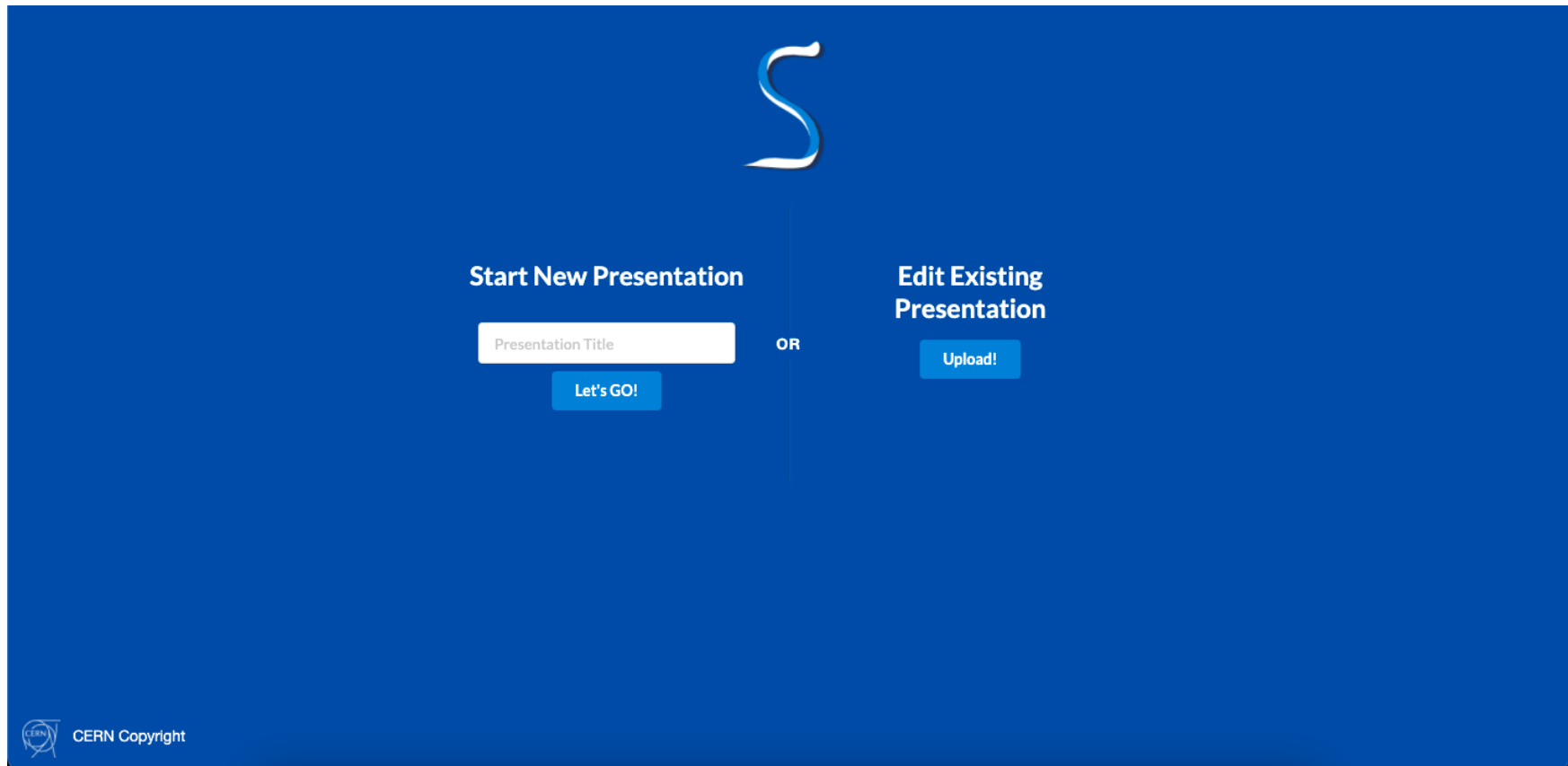
Developed 100% in-house!



Why develop a Slides' maker

1. An alternative to MS .pptx
2. Web-based - nothing to install
3. Easier than HTML or Markdown slides
4. Well integrated with the new CERN SSO

CERN Slides' UI



A screenshot of the CERN Slides' UI interface. The background is a solid blue color. At the top center is a large, stylized white 'S' logo. Below the logo, the interface is split into two main sections by a vertical line. The left section is titled 'Start New Presentation' in white text. It contains a white text input field with the placeholder text 'Presentation Title' and a blue button labeled 'Let's GO!'. The right section is titled 'Edit Existing Presentation' in white text and contains a blue button labeled 'Upload!'. In the bottom left corner, there is a small CERN logo and the text 'CERN Copyright'.

Start New Presentation


Presentation Title

Let's GO!

OR

Edit Existing Presentation

Upload!

 CERN Copyright

Functionalities 1/2

- Text with:
 - Bullets
 - Ordered lists
 - Links
- Images
- Presentation View

Functionalities 2/2

- Clone a slide
- Use of CERN themes and custom background coloring
- Export to PDF
- Upload an existing presentation

Application architecture

This is the only way to use the Slides App until CERNBox is replaced by Phoenix, the Phoenix+WOP1 are connected to REVA and data storage to EOS is available.



Presentation file architecture

"slides" file:

- "zip" file that contains:
 - folder with all images/gifs
 - "JSON" file describing Redux state of a Slides' presentation

Challenges during the development

- The Editor
- The workspace (moving and resizing text and images) in Edit mode
- The Storage choice
- The Export to PDF functionality

Future challenges

- Lack of in-house resources to make it perfect
- Need your advice and participation
- Seeking your feedback in order to:
 - influence the adoption of the application and
 - achieve the acquisition of help to make it perfect.
- Let's discuss how to proceed

Contact

- The application 🖱️ <https://cern.ch/slides>
- The code 🖱️ <https://github.com/cern/slides>



Thank you for your attention!

