FPV-Tutorial - SS23

Materialien für Manuel's FPV-Tutorium im Sommersemester 2023

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Zuletzt aktualisiert: 20. April 2023

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About

Materialien für Manuel's FPV-Tutorium im Sommersemester 2023.

> Die Materialien sind privat erstellt und können Fehler enthalten. Im Zweifelsfall haben immer die **offiziellen** Lehrunterlagen vorrang.

- Alle Zusammenfassungen dieses Repositories können über manuellerchner.github.io/fpv-tutorial-SS23/summary.pdf heruntergeladen werden.

- Die Tutor-Slides sind unter manuellerchner.github.io/fpv-tutorial-SS23/slides.pdf verfügbar.

Found an error, or want to add something?

1. Fork this Repository
2. Commit and push your changes to **your** forked repository
3. Open a Pull Request to this repository
4. Wait until the changes are merged
5. A Github Action will automatically render the PDFs and deploy the static content to Github Pages

Contributors

Inhaltsverzeichnis

Topic 1

Title 1

Subtitle 1

This is a paragraph.

- Add more content here
- Or here

Example LaTeX Stuff

$$(a + b)^n = \sum_{i=0}^{n} \binom{n}{i} a^{n-i} b^i$$

Debugging OCaml

Different ways to debug OCaml

Using the `#use` command in `utop`

1. Enter into the **root**-directory of the project and run `dune build` to initially build the project.

   ```
   dune build
   ```

2. Open `utop` via `dune utop`

   ```
   dune utop
   ```

3. Load the file you want to debug via the `#use` command, e.g.

   ```
   #use "src/main.ml";;
   ```

   - All the content of the file will be loaded into the `utop`-environment
   - Variables and functions are now available in the `utop`-environment
   - To reload the file, use the prevoius command again. This will shadow the previous definitions of the variables and functions