`elegant-polimi-thesis documentation`

This chapter is the result of the documentation generated from the source code. Since it's not strictly needed to use the template – most of the functions that are to be used are straightforward – it's quite barebones.

The intended section order is as follows:

1. frontmatter
    a. toc
    b. list-of-figures
    c. list-of-tables
    d. nomenclature
2. mainmatter
3. backmatter
4. acknowledgements
5. appendix

The acknowledgements section can be moved in frontmatter, as one prefers (or as the advisor requests).

Contents

polimi-thesis

Main formatting function of the template.

Parameters

```
polimi-thesis(
  title: str ,
  author: str ,
  advisor: str ,
  coadvisor: str ,
  tutor: str ,
  phdcycle: str ,
  academic-year: str ,
  cycle: str ,
  chair: str ,
  language: str ,
  colored-headings: bool ,
  main-logo: path ,
  body
) -> content
```

title `str`

Title of the thesis.

Default: `"Thesis Title"`

author `str`

Author of the thesis.

Default: `"Name Surname"`

advisor `str`

Advisor of the thesis.

Default: `""`

coadvisor `str`

Coadvisor of the thesis.

Default: `""`

tutor `str`

Tutor of the thesis.

Default: `""`

phdcycle `str`

Deprecated attribute. "Old" academic year. If empty, defaults to "2025 — 2026".

Default: `""`

academic-year `str`

Academic year of the thesis. If empty, defaults to "2025".

Default: `""`

cycle `str`

Cycle of the thesis.

Default: `none`

chair `str`

Chair of the thesis (not used).

Default: `none`

language `str`

Language of the thesis.

Default: `"en"`

colored-headings `bool`

Whether to activate the colored headings and references (such as Figure n, Table n...) or not.

Default: `true`

main-logo `path`

Path of the main logo of the thesis (default: "Scuola di Ingegneria Industriale e dell'Informazione").

Default: `"img/logo_ingegneria.svg"`

frontmatter

Frontmatter section. Similar to LaTeX's `\frontmatter`. It sets the page numbering to `"i"` and `numbering:` `none` for headings.

Parameters

```
frontmatter(body) -> content
```

acknowledgements

Acknowledgements section. It sets `numbering:` `none` for headings.

Parameters

```
acknowledgements(body) -> content
```

mainmatter

Mainmatter section. Similar to LaTeX's `\mainmatter`. It sets to page numbering to `"1"`, `numbering:` `"1.1"` for headings and resets the page counter.

Parameters

```
mainmatter(body) -> content
```

appendix

Appendix section. Similar to LaTeX's `\appendix`. It sets `numbering: "A.1"` for headings and resets their counter.

Parameters

```
appendix(body) -> content
```

backmatter

Backmatter section. Similar to LaTeX's `\backmatter`. It sets `numbering: none` for headings.

Parameters

```
backmatter(body) -> content
```

nomenclature

Displays a simple nomenclature with keys and values.

Parameters

```
nomenclature(
    dict: dictionary ,
    indented: bool
) -> content
```

dict   `dictionary`

Dictionary that hold keys and values.

indented   `bool`

Whether to indent or not the nomenclature.

Default: `true`

theorems-init

Utility function to initialize the theorem environments[1]:

- theorem
- proposition
- lemma
- remark

Parameters

```
theorems-init(body) -> content
```

---

[1]Provided by great-theorems package.

subfigure

Creates a new subfigure with the given arguments and an optional label. From hallon package.

Parameters

```
subfigure(
    ..args,
    outlined: bool,
    label: str,
    body
) -> content
```

outlined   `bool`

Whether to outline this subfigure or not.

Default: `false`

label   `str`

Unique label to reference this subfigure

Default: `none`

bluepoli   `color`

Signature PoliMi colour (■), used in headings and labels.

toc

Table of contents. It's custom built upon `outline()`.

list-of-figures   `content`

List of figures. Similar to LaTeX's `\listoffigures`.

list-of-tables   `content`

List of tables. Similar to LaTeX's `\listoftables`.

theorem   `content`

Theorem block.

proposition `content`

Proposition block.

lemma `content`

Lemma block.

remark `content`

Remark block.

proof `content`

Proof block.