Unofficial FHICT Template

An unofficial template for FHICT document generation.

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https://github.com/TomVer99/FHICT-typst-template

This template allows the user to easily generate documents in the style of the Fontys Hogeschool ICT. The template provides a set style and layout for the document. It also provides a set of commands and macros to help the user generate content.

Table of contents

I. Usage
I.1. Pre Requisites 2
I.2. Importing the template 2
I.3. First Document 2
II. Available commands
III. 3rd Party Libraries
III.1. Codly 12
III.2. Colorful Boxes 12
III.3. Showybox 12
III.4. Glossarium 13
III.5. In-Dexter 13
IV. Issues
V. Index

Part I.

Usage

I.1. Pre Requisites

To use this template, you need to have the roboto font installed.

I.2. Importing the template

To use this template, you first need to download the template.zip attached to the release. Extract the contents of the zip file to a folder on your computer. Afterwards, you can include this template in your file by adding the following line at the top of your file:

```
#import "some/path/fhict-template.typ": *
```

Your path may vary depending on the location of the template file. In the future it may also be possible to use:

```
#import "@preview/fhict-template:1.5.1": *
```

In this case you won't need to download the template file.

I.3. First Document

To create a document using this template, you can use the fhict-doc command.

This command has a lot of arguments to customize the document. Here is an example of a simple document:

```
#show: fhict-doc.with(
  title: "My Document",
  subtitle: "A simple document",
  authors: (
     (name: "TomVer99"),
    ),
)[
     = Introduction
  This is a simple document.
]
```

Part II.

Available commands

```
#fhict-doc(
   ⟨title⟩,
   ⟨subtitle⟩,
   ⟨subtitle-lines⟩,
   ⟨language⟩,
   ⟨available-languages⟩,
   ⟨authors⟩,
   ⟨version-history⟩,
   ⟨glossary-terms⟩,
   ⟨glossary-front⟩,
   ⟨bibliography-file⟩,
   ⟨citation-style⟩,
   ⟨toc-depth⟩,
   ⟨disable-toc⟩,
   ⟨disable-chapter-numbering⟩,
   ⟨pre-toc⟩,
   ⟨table-of-figures⟩,
   ⟨table-of-listings⟩,
   ⟨appendix⟩,
   ⟨watermark⟩,
   ⟨censored⟩,
   ⟨print-extra-white-page⟩,
   ⟨secondary-organisation-color⟩,
   ⟨secondary-organisation-logo⟩,
   ⟨secondary-organisation-logo-height⟩,
   ⟨enable-index⟩,
   ⟨index-columns⟩
)[\langle body \rangle]
   Renders a document in the style of the Fontys Hogeschool ICT.
  ⟨title⟩: "Document Title"
                                                                                                          str
    The title of the document.
  ⟨subtitle⟩: "Document Subtitle"
                                                                                                          str
    The subtitle of the document.
  ⟨subtitle-lines⟩: 1
                                                                                                          int
    The number of lines the subtitle should span.
```

```
Argument — (available-languages): none array

The available languages for the document.

("en", "nl", ...)
```

```
Argument

(authors): none

The author(s) of the document. Has the following structure:

(
    name: "",
    email: "",
),

Name can be a string or complex type. Email must be a string. Email is optional.

If the name attribute is a complex type, it should have the following structure:
    name: (content: [Tom #sensitive("V.")], string: "Tom V."),

Appart from using this complex type for sensitive information, there is not much use for it.
```

```
Argument

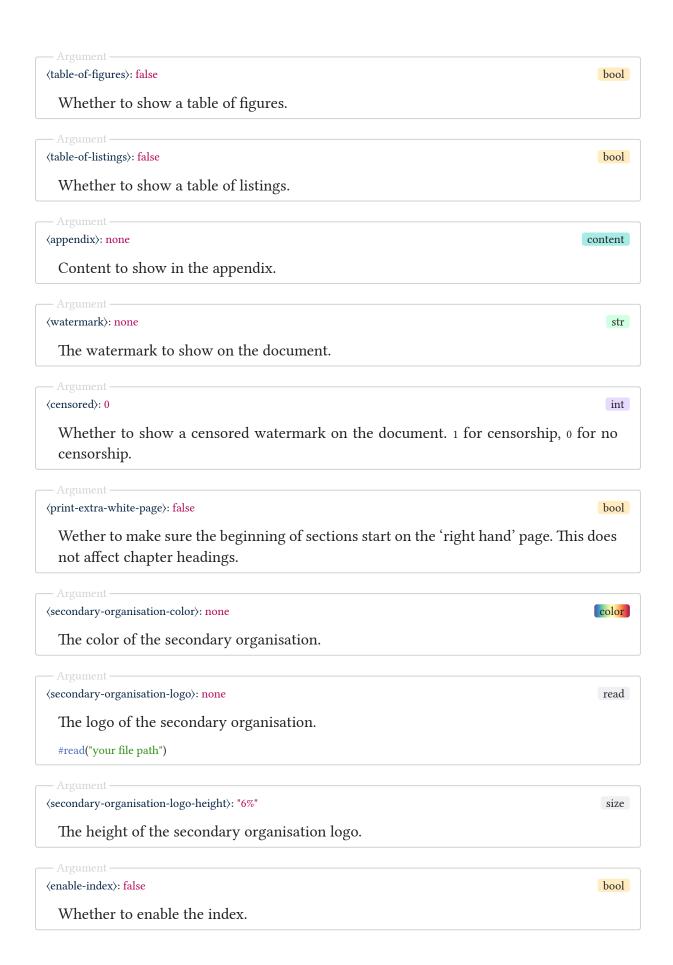
(version-history): none

The version history of the document. Has the following structure:

(
    (
        version: "",
        date: "",
        author: "",
        changes: "",
        ),
        ...
)

All fields can be strings or content.
```

```
dictionary
⟨glossary-terms⟩: none
  A dictionary of glossary terms. Has the following structure:
    key: "",
    short: [],
   long: [],
    desc: [],
  ),
 )
  Where all options except key are optional.
⟨glossary-front⟩: false
                                                                                                 bool
  Whether to show the glossary at the front of the document.
⟨bibliography-file⟩: none
                                                                                          bibliography
  The bibliography element to include in the document.
  #bibliography("your file path")
⟨citation-style⟩: "ieee"
                                                                                                  str
  The citation style to use for the bibliography.
\langle toc\text{-depth} \rangle: 3
                                                                                                  int
  The depth of the table of contents.
                                                                                                 bool
⟨disable-toc⟩: false
  Whether to disable the table of contents.
⟨disable-chapter-numbering⟩: false
                                                                                                 bool
  Whether to disable chapter numbering.
                                                                                              content
⟨pre-toc⟩: none
  Content to show before the table of contents.
```

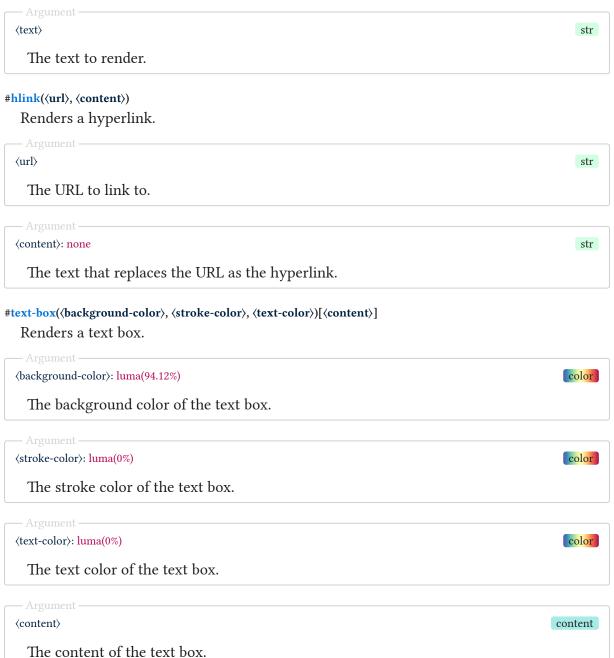




```
#fhict-table(
  ⟨columns⟩,
  ⟨content⟩,
  ⟨background-color-heading⟩,
  ⟨background-color⟩,
  ⟨text-color-heading⟩,
  ⟨text-color⟩,
  ⟨top-colored⟩,
  ⟨left-colored⟩
  Renders a table in the style of the Fontys Hogeschool ICT.
  ⟨columns⟩: ()
                                                                                                  array
    The spacing of the columns.
 ⟨content⟩: ()
                                                                                                  array
    A 2D array of the content of the table.
    (header1, header2, ...),
    (row1, row2, ...),
    )
 ⟨background-color-heading⟩: rgb("#663366")
                                                                                                  color
    The background color of the heading row/column.
 \langle background-color \rangle : luma(100\%)
                                                                                                  color
    The background color of the other rows/columns.
 ⟨text-color-heading⟩: luma(100%)
                                                                                                  color
    The text color of the heading row/column.
 ⟨text-color⟩: luma(0%)
                                                                                                  color
    The text color of the other rows/columns.
 ⟨top-colored⟩: true
                                                                                                  bool
    Whether the top row should be colored.
```

#sensitive(\langle textl\rangle) Renders a se

Renders a sensitive text block.



$\#lined\text{-}box(\langle title\rangle, \langle body\rangle, \langle line\text{-}color\rangle)$

Renders a box with a line on the left side.



Part III.

3rd Party Libraries

This template uses the following 3rd party libraries:

- codly:0.2.0
- colorful-boxes:1.2.0
- showybox:2.0.1
- glossarium:0.2.6
- in-dexter:0.3.0

III.1. Codly

Library can be found at the <u>Typst Universe page</u>.

This library improves the code rendering in the document. There are no additional commands to use this library.

III.2. Colorful Boxes

Library can be found at the <u>Typst Universe page</u>.

This library provides a couple of commands to render colorful boxes in the document.

More information can be found on the Typst Universe page.

III.3. Showybox

Library can be found at the <u>Typst Universe page</u>.

This library provides a couple of commands to render colorful boxes in the document.

More information can be found on the Typst Universe page.

III.4. Glossarium

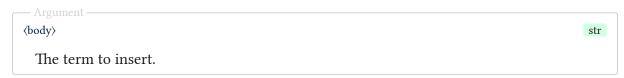
Library can be found at the <u>Typst Universe page</u>.

This library provides functionality to manage and render a glossary in the document. There are two commands of interest in this library: gls and glspl.

The following documentation will assume you use the terms list as described in the fhict-doc command in Section II.

#gls()[\langle body \rangle]

Inserts a glossary term.



#glspl()[\langle body \rangle]

Inserts a glossary term in plural form.



You can also simple use @term to insert a term in the document.

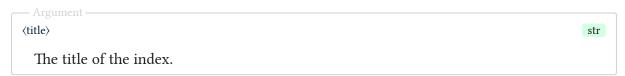
III.5. In-Dexter

Library can be found at the <u>Typst Universe page</u>.

This library provides functionality to manage and render an index in the document. There is one command of interest in this library: index.

#index()[\langle title \rangle]

Inserts an index location in the document. It does not render anything in the document itself.



Part IV.

Issues

If you have any issues with this template, you can report them on the GitHub repository. Create a new issue and describe the problem you are experiencing. Also include the version of the template you are using, and your document if possible. If you have a solution to the problem, you can also create a pull request.

Part V.

Index

F	
#fhict-doc	. 3
#fhict-table	. 8
G	
#gls	13
#glspl	13
H #hlink	10
I	
#index	13
L	
#lined-box	11
S	
#sensitive	10
T	
#text-box	10