

Unofficial FHICT Template

An unofficial template for FHICT document generation.

v1.1.0

2024-11-06

TOMVER99

<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	11
III.2. Glossarium	11
III.3. In-Dexter	11

IV. Issues

V. Index

Part I.

Usage

I.1. Pre Requisites

To use this template, you need to have the `roboto` font installed and a way to render Typst documents.

I.2. Importing the template

There are two ways to import the template.

The first way is to download the template file and import it using the `#import` command with a relative path to the local file.

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

Typst

The second way is to import the template from the Typst Universe. If you have a method to render Typst documents that supports the Typst Universe, you can import the template using the following command:

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

Typst

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(
```

Typst

```
  title: "My Document",
```

```
  subtitle: "A simple document",
```

```
  authors: (
```

```
    (name: "TomVer99"),
```

```
  ),
```

```
)
```

```
= Introduction
```

```
This is a simple document.
```

Part II.

Available commands

```
#fhiict-doc(  
  <title>,  
  <subtitle>,  
  <language>,  
  <available-languages>,  
  <date>,  
  <authors-title>,  
  <authors>,  
  <assessors-title>,  
  <assessors>,  
  <version-history>,  
  <glossary-terms>,  
  <glossary-front>,  
  <bibliography-file>,  
  <citation-style>,  
  <toc-depth>,  
  <disable-toc>,  
  <disable-chapter-numbering>,  
  <disable-version-on-cover>,  
  <chapter-on-new-page>,  
  <pre-toc>,  
  <table-of-figures>,  
  <table-of-listings>,  
  <table-of-tables>,  
  <appendix>,  
  <watermark>,  
  <censored>,  
  <print-extra-white-page>,  
  <secondary-organisation-color>,  
  <secondary-organisation-logo>,  
  <secondary-organisation-logo-height>,  
  <enable-index>,  
  <index-columns>  
)
```

[<body>]

Renders a document in the style of the Fontys Hogeschool ICT.

— Argument —

<title>: "Document Title"

str

The title of the document.

— Argument —

<subtitle>: "Document Subtitle"

str

The subtitle of the document.

Argument

<language>: "en"

str

The language of the document.

Argument

<available-languages>: none

array

The available languages for the document.

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

Typst

Argument

<date>: none

str

Allows the user to manually specify a date to be displayed on the cover page.

date: "28 日 8 月 24 年"

Typst

Can be any string.

date: "I am not a date, but who cares?"

Typst

Argument

<authors-title>: none

str

The title of the authors section.

Argument

<authors>: none

dictionary

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."),

Typst

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

— Argument —

<assessors-title>: none

str

The title of the assessors section.

— Argument —

<assessors>: none

dictionary

The assessors of the document. Has the following structure:

```
(
  (
    title: "",
    name: "",
    email: "",
  ),
  ...
)
```

Typst

All fields need to be strings.

— Argument —

<version-history>: none

dictionary

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

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

Typst

All fields can be strings or content.

— Argument —

<glossary-terms>: none

dictionary

A dictionary of glossary terms. For information on what fields are available, check the [Glossarium documentation](#).

— Argument —

<glossary-front>: false

bool

Whether to show the glossary at the front of the document.

— Argument —

`<bibliography-file>`: **none**

bibliography

The bibliography element to include in the document.

`#bibliography("your file path")`

Typst

— Argument —

`<citation-style>`: **"ieee"**

str

The citation style to use for the bibliography.

— Argument —

`<toc-depth>`: **3**

int

The depth of the table of contents.

— Argument —

`<disable-toc>`: **false**

bool

Whether to disable the table of contents.

— Argument —

`<disable-chapter-numbering>`: **false**

bool

Whether to disable chapter numbering.

— Argument —

`<disable-version-on-cover>`: **false**

bool

Whether to display the latests version number on the cover page or not.

— Argument —

`<chapter-on-new-page>`: **false**

bool

Whether to start each chapter on a new page.

— Argument —

`<pre-toc>`: **none**

content

Content to show before the table of contents.

— Argument —

`<table-of-figures>`: **false**

bool

Whether to show a table of figures.

— Argument —

`<table-of-listings>`: **false**

bool

Whether to show a table of listings.

— Argument —

⟨table-of-tables⟩: false

bool

Whether to show a table of tables.

— Argument —

⟨appendix⟩: none

content

Content to show in the appendix.

— Argument —

⟨watermark⟩: none

str

The watermark to show on the document.

— Argument —

⟨censored⟩: 0

int

Whether to show a censored watermark on the document. 1 for censorship, 0 for no censorship.

— Argument —

⟨print-extra-white-page⟩: false

bool

Whether to make sure the beginning of sections start on the ‘right hand’ page. This does not affect chapter headings.

— Argument —

⟨secondary-organisation-color⟩: none

color

The color of the secondary organisation.

— Argument —

⟨secondary-organisation-logo⟩: none

read

The logo of the secondary organisation.

```
#read("your file path")
```

Typst

— Argument —

⟨secondary-organisation-logo-height⟩: 6%

size

The height of the secondary organisation logo.

— Argument —

⟨enable-index⟩: false

bool

Whether to enable the index.

— Argument —

⟨index-columns⟩: 2

int

The number of columns in the index.

Argument

`<body>`

content

The content of the document.

#fable(⟨style⟩, ⟨columns⟩, ⟨content⟩)

Renders a table in the style of the Fontys Hogeschool ICT.

— Argument —

⟨style⟩: 2

int

The style of the table. Can be 1 through 8.

— Argument —

⟨columns⟩: ()

array

The spacing and the number of columns. Just like a normal table.

(size1, size2, ...)

Typst

— Argument —

⟨content⟩: ()

array

An array of contents for the table.

Each element is a cell in the table.

[], [], [], ...

Typst

#sensitive(⟨textl⟩)

Renders a sensitive text block.

— Argument —

⟨text⟩

str

The text to render.

#hlink(⟨url⟩, ⟨content⟩)

Renders a hyperlink.

— Argument —

⟨url⟩

str

The URL to link to.

— Argument —

⟨content⟩: none

str

The text that replaces the URL as the hyperlink.

#set-code-line-nr(⟨start⟩)

Sets the starting line number for code blocks.

— Argument —

⟨start⟩: 1

int

The starting line number.

If -1 is given, the line numbers will be hidden.

#text-box(⟨background-color⟩, ⟨stroke-color⟩, ⟨text-color⟩)[⟨content⟩]

Renders a text box.

— Argument —

⟨background-color⟩: **luma**(94.12%)

color

The background color of the text box.

— Argument —

⟨stroke-color⟩: **luma**(0%)

color

The stroke color of the text box.

— Argument —

⟨text-color⟩: **luma**(0%)

color

The text color of the text box.

— Argument —

⟨content⟩

content

The content of the text box.

#lined-box(⟨title⟩, ⟨body⟩, ⟨line-color⟩)

Renders a box with a line on the left side.

— Argument —

⟨title⟩

str

The title of the box.

— Argument —

⟨body⟩

content

The content of the box.

— Argument —

⟨line-color⟩: **rgb**("ff4136")

color

The color of the line.

Part III.

3rd Party Libraries

III.1. Codly

Current version: 1.0.0

Library can be found at the [Typst Universe page](#).

This library improves the code rendering in the document. There are no additional commands to use this library. More information can be found on the Typst Universe page.

III.2. Glossarium

Current version: 0.5.1

Library can be found at the [Typst Universe page](#).

This library provides functionality to manage and render and manage a glossary in the document. For more information on how to use this library, check the documentation on the Typst Universe page.

III.3. In-Dexter

Current version: 0.5.3

Library can be found at the [Typst Universe page](#).

This library provides functionality to manage and render an index in the document.

For more information on how to use this library, check the documentation on the Typst Universe page.

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

[#ftable](#) 9

H

[#hlink](#) 9

L

[#lined-box](#) 10

S

[#sensitive](#) 9

[#set-code-line-nr](#) 9

T

[#text-box](#) 10