

# 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 .....	10
III.2. Glossarium .....	10
III.3. In-Dexter .....	10

### 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

```
#fhict-doc(  
  <title>,  
  <subtitle>,  
  <language>,  
  <available-languages>,  
  <authors-title>,  
  <authors>,  
  <assessors-title>,  
  <assessors>,  
  <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>  
)[<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 —

<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: "",  
)
```

Typst

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 —

`<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 —

`<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.

### #**ftable**(⟨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, 2, 3 or 4.

— 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.



**#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: 0.4.1*

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: 0.4.2*

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](#) ..... 8

### H

[#hlink](#) ..... 8

### L

[#lined-box](#) ..... 9

### S

[#sensitive](#) ..... 8

### T

[#text-box](#) ..... 9