

# 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.

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# 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>,  
  <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>,  
  <line-numbering>,  
  <line-numbering-scope>,  
  <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 —

⟨line-numbering⟩: **false**

bool

Controls if lines are numbered in the document. Only the pre-toc and body content will be numbered.

— Argument —

⟨line-numbering-scope⟩: **"page"**

str

If set to “page”, the counter will reset on each page. If set to “document”, the counter will not reset on each page, and will keep counting.

— 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: 1.1.1*

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. Codly languages

*Current version: 0.1.3*

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

This library implements a set number of programming languages for styling on code blocks. More information can be found on the Typst Universe page.

#### III.3. 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.4. In-Dexter

*Current version: 0.7.0*

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.

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