



› FOR SOCIETY

SHOWCASE


FHICT TEMPLATE SHOWCASE

Tom 
some@mail.com

2024-05-29

This page is intentionally left blank.

VERSION HISTORY

Version	Date	Author	Changes
1.0	2023-11-04	Tom 	Initial version

This page is intentionally left blank.

SUMMARY

This document will show all the features of the FHICT Template.

In this pre-toc section you can do anything you want, but it will not be shown in the Table of Contents.

IM A HEADING THAT COMES BEFORE THE TABLE OF CONTENTS

You can use your terms here.

W.I.P. (*Work In Progress*)

This page is intentionally left blank.

TABLE OF CONTENTS

1 Examples	1
1.1 Headings Example	1
1.1.1 level 3	1
1.2 Text example	1
1.3 Figures example	1
1.3.1 Image	1
1.3.2 Code	4
1.4 Citations	4
1.5 Tables	5
1.6 Using Terms	6
1.7 Boxes	7
1.7.1 colorful-boxes	7
1.7.2 showybox	7
2 Test	7
3 Test	7
4 Test	7
5 Test	7
6 Test	7
6.1.1 Custom Boxes	9
6.2 lined_box	9
6.3 sensitive information	9
6.4 Links	10
7 Document options	11
7.1 Title and Subtitle	11
7.2 Authors	11
7.3 Version History	11
7.4 Summary	12
7.5 Table of	13
7.6 Watermark	13
7.7 Bibliography	13
7.8 Citation style	13
7.9 Disabling Table of Contents	13
7.10 Disabling Chapter Numbering	14
7.11 Glossary	14
7.11.1 Setting terms	14
7.11.2 Front vs Back	14
8 Default Included Packages	15
8.1 Codly	15
8.2 colorful-boxes	15
8.3 showybox	15
8.4 Glossarium	15
Glossary	17
References	18
A This is the appendix	20

This page is intentionally left blank.

TABLE OF FIGURES

Figure 1: Figure example	1
Figure 2: Figure example	1
Figure 3: Figure example	1
Figure 4: Figure example	1
Figure 5: Figure example	1
Figure 6: Figure example	1
Figure 7: Figure example	1
Figure 8: Figure example	2
Figure 9: Figure example	2
Figure 10: Figure example	2
Figure 11: Figure example	2
Figure 12: Figure example	2
Figure 13: Figure example	2
Figure 14: Figure example	2
Figure 15: Figure example	2
Figure 16: Figure example	2
Figure 17: Figure example	2
Figure 18: Figure example	2
Figure 19: Figure example	2
Figure 20: Figure example	2
Figure 21: Figure example	2
Figure 22: Figure example	2
Figure 23: Figure example	2
Figure 24: Figure example	2
Figure 25: Figure example	2
Figure 26: Figure example	2
Figure 27: Figure example	2
Figure 28: Figure example	2
Figure 29: Figure example	2
Figure 30: Figure example	2
Figure 31: Figure example	3
Figure 32: Figure example	3
Figure 33: Figure example	3
Figure 34: Figure example	3
Figure 35: Figure example	3
Figure 36: Figure example	3
Figure 37: Figure example	3
Figure 38: Figure example	3
Figure 39: Figure example	3
Figure 40: Figure example	3
Figure 41: Figure example	3
Figure 42: Figure example	3
Figure 43: Figure example	3
Figure 44: Figure example	3

Figure 45: Figure example	3
Figure 46: Figure example	3

This page is intentionally left blank.

This page is intentionally left blank.

TABLE OF LISTINGS

Listing 1: Code example C++	4
Listing 2: Code example Rust	4
Listing 3: Table example	5
Listing 4: Table example with custom colors	6
Listing 5: Custom Boxes Example	9
Listing 6: Title and Subtitle Options	11
Listing 7: Authors Option	11
Listing 8: Authors Option with Missing Email	11
Listing 9: Version History Option	11
Listing 10: Summary Option	12
Listing 11: Table of Figures Option	13
Listing 12: TOF / TOL disabled Option	13
Listing 13: Watermark Option	13
Listing 14: Bibliography Option	13
Listing 15: Citation Style Option	13
Listing 16: Table of Contents Option	13
Listing 17: Chapter Numbering Option	14
Listing 18: Glossary Option	14
Listing 19: Glossary Location Option	14
Listing 20: Codly C++ Example	15
Listing 21: Raw C++ Example	15

1 EXAMPLES

1.1 HEADINGS EXAMPLE

1.1.1 LEVEL 3

1.1.1.1 LEVEL 4

1.1.1.1.1 LEVEL 5

1.1.1.1.1 level 6

Level 6 and higher are not supported in the custom syntax. They will still work, but will have the default styling.

1.2 TEXT EXAMPLE

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Quam ipsum accusantium rem et quasi doloribus, ut autem et. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur. Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur.

1.3 FIGURES EXAMPLE

1.3.1 IMAGE

This is a figure with an image. This will be shown in the list of figures if enabled.



Figure 1: Figure example

Figure 2: Figure example

Figure 3: Figure example

Figure 4: Figure example

Figure 5: Figure example

Figure 6: Figure example

Figure 7: Figure example

Figure 8: Figure example

Figure 9: Figure example

Figure 10: Figure example

Figure 11: Figure example

Figure 12: Figure example

Figure 13: Figure example

Figure 14: Figure example

Figure 15: Figure example

Figure 16: Figure example

Figure 17: Figure example

Figure 18: Figure example

Figure 19: Figure example

Figure 20: Figure example

Figure 21: Figure example

Figure 22: Figure example

Figure 23: Figure example

Figure 24: Figure example

Figure 25: Figure example

Figure 26: Figure example

Figure 27: Figure example

Figure 28: Figure example

Figure 29: Figure example

Figure 30: Figure example

Figure 31: Figure example

Figure 32: Figure example

Figure 33: Figure example

Figure 34: Figure example

Figure 35: Figure example

Figure 36: Figure example

Figure 37: Figure example

Figure 38: Figure example

Figure 39: Figure example

Figure 40: Figure example

Figure 41: Figure example

Figure 42: Figure example

Figure 43: Figure example

Figure 44: Figure example

Figure 45: Figure example

Figure 46: Figure example

1.3.2 CODE

This is a figure with code. This will be shown in the list of listings if enabled.

```
int main() {  
    return 0;  
}
```

C++

Listing 1: Code example C++

```
fn main() {  
    println!("Hello, world!");  
}
```

Rust

Listing 2: Code example Rust

1.4 CITATIONS

This is a citation [1].

1.5 TABLES

There is a helper function called `fhict_table` that can be used to create tables. This function takes two mandatory arguments: `columns` and `content`, and two optional arguments: `top_colored` and `left_colored`.

The `columns` argument is a list of column widths.

The `content` argument is a list of rows. Each row is a list of cells. Each cell is a string.

Header 1	Header 2	Header 3	Header 4
Cell 1	Cell 2	Cell 3	Cell 4
Cell 1	Cell 2		Cell 4

The table above is made with the following code:

```
#fhict_table(  
    columns: (auto, auto, auto, 1fr),  
    content: (  
        ("Header 1", "Header 2", "Header 3", "Header 4"),  
        ("Cell 1", "Cell 2", "Cell 3", "Cell 4"),  
        ("Cell 1", "Cell 2", "", "Cell 4"),  
    ),  
)
```

Listing 3: Table example

The `top_colored` argument is `true` by default, and will color the top row of the table.

The `left_colored` argument is `false` by default, and will color the left column of the table.

You can combine these two arguments to create a table like this:

Header 1	Header 2	Header 3	Header 4
Cell 1	Cell 2	Cell 3	Cell 4
Cell 1	Cell 2		Cell 4

Or disable both to create a table like this:

Header 1	Header 2	Header 3	Header 4
Cell 1	Cell 2	Cell 3	Cell 4
Cell 1	Cell 2		Cell 4

You can also configure the color of the table by using the `background_color_heading`, `background_color`, `text_color_heading` and `text_color` arguments.

You can for example make a table like this:

Header 1	Header 2	Header 3	Header 4
Cell 1	Cell 2	Cell 3	Cell 4
Cell 1	Cell 2		Cell 4

Here is the code snippet for this table:

```
#fhict_table(  
  columns: (auto, auto, auto, lfr),  
  content: (  
    ("Header 1", "Header 2", "Header 3", "Header 4"),  
    ("Cell 1", "Cell 2", "Cell 3", "Cell 4"),  
    ("Cell 1", "Cell 2", "", "Cell 4"),  
  ),  
  background_color_heading: rgb("4272f5"),  
  text_color_heading: rgb("f5a142"),  
  background_color: rgb("f54242"),  
  text_color: rgb("42f5a1"),  
)
```

Listing 4: Table example with custom colors

1.6 USING TERMS

You can quote a term by using one of the following syntaxes:

- `#gls("term")`
- `#glspl("term")`
- `@term`

If you use a term for the first time, it will display the long version of the term. If you use it again, it will display the short version of the term.

For example, the term `#gls("fhict")` will be shown as FHICT (*Fontys Hogeschool ICT*). But the second time you use it, it will be shown as FHICT.

And `@wip` will be shown as W.I.P.. But the second time you use it, it will be shown as W.I.P..

1.7 BOXES

1.7.1 COLORFUL-BOXES

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua quaerat.

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua quaerat.

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua quaerat.

Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua quaerat.

1.7.2 SHOWYBOX

2 TEST

3 TEST

4 TEST

5 TEST

6 TEST

Red-ish showybox with separated sections!

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua quaerat.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam.

6.1.1 CUSTOM BOXES

I am a grey box! You can use me for a less intrusive box.

Put whatever you want in here. $I = \frac{V}{R}$

You can also customize the color of the background, stroke and text.

```
#text_box[  
  I am a grey box!  
  You can use me for a less intrusive box.  
  
  Put whatever you want in here.  $I = V / R$   
]  
  
#text_box(background-color: fontys_purple_2,  
stroke-color: fontys_purple_1, text-color: fontys_blue_1)[  
  You can also customize the color of the background, stroke and text.  
]
```

Listing 5: Custom Boxes Example

6.2 LINED_BOX

lined_box

This is a lined_box. This box can be used to indicate anything you want.

lined_box, but black

You can also change the color of the lines.

6.3 SENSITIVE INFORMATION

You can censor sensitive information by using the `#sensitive` function. Each character will be replaced by a black rectangle, making it impossible to read or copy the text.



```
#sensitive("I am sensitive information")
```

You can set if the text should be censored or not by setting the `censored` option in the document options.

1 means censored, 0 means not censored.

6.4 LINKS

You can create links by using the `#hlink` function. This function takes two arguments: `url` and `content`. The `url` argument is the url the link should point to. The `content` argument is the text that should be shown in the document and is optional. If the `content` argument is not set, the `url` argument will be used as the content.

The following code will create two links, one with the content "Google" and one with the content "www.google.com". Both links will point to the same url.

```
#hlink("www.google.com", content: "Google")
```

Typst

```
#hlink("www.google.com")
```

[Google](https://www.google.com)

www.google.com

7 DOCUMENT OPTIONS

7.1 TITLE AND SUBTITLE

The title and subtitle can be set by using the following options:

```
title: "YOUR TITLE",  
subtitle: "YOUR SUBTITLE",
```

Typst

Listing 6: Title and Subtitle Options

7.2 AUTHORS

The authors can be set by using the following option:

```
authors: (  
  (  
    name: "YOUR NAME",  
    email: "YOUR EMAIL",  
  ),  
  (  
    name: "YOUR NAME",  
    email: "YOUR EMAIL",  
  ),  
)
```

Typst

Listing 7: Authors Option

At least one author is required, otherwise the cover page will contain an empty white square.

If any one author does not have an email address, the email addresses will not be shown at all on the cover page.

```
authors: (  
  (  
    name: "YOUR NAME",  
  ),  
  (  
    name: "YOUR NAME",  
    email: "YOUR EMAIL",  
  ),  
)
```

Typst

Listing 8: Authors Option with Missing Email

You can also chose to not set any authors. In this case, no authors will be shown on the cover page.

7.3 VERSION HISTORY

The version history can be set by using the following option:

```
version-history: (  
  (  
    name: "YOUR NAME",  
    email: "YOUR EMAIL",  
  ),  
  (  
    name: "YOUR NAME",  
    email: "YOUR EMAIL",  
  ),  
)
```

Typst


```

version: "1.0.0",
date: "2020-01-01",
author: "Jeroen Van De Lange",
changes: "Initial version",
),
(
version: "1.0.1",
date: "2020-01-02",
author: "Jeroen Van De Lange",
changes: "Added a new feature",
),
),

```

Listing 9: Version History Option

The version history is optional. If it is not set, the version history will not be shown.

7.4 SUMMARY

It is possible to add a summary to the document. This can be done by setting the following option:

```

summary: [
    YOUR SUMMARY TEXT
],

```

Listing 10: Summary Option

7.5 TABLE OF ...

On top of the Table of Contents, the template also supports a Table of Figures and a Table of Listings. These can be enabled by setting the following options:

```
table-of-figures: true,  
table-of-listings: true,
```

Typst

Listing 11: Table of Figures Option

You can disable these by settings the options to false, or leaving them out entirely.

```
table-of-figures: false,
```

Typst

Listing 12: TOF / TOL disabled Option

7.6 WATERMARK

The watermark can be set by using the following option:

```
watermark: "YOUR WATERMARK TEXT",
```

Typst

Listing 13: Watermark Option

7.7 BIBLIOGRAPHY

The bibliography can be set by using the following option:

```
bibliography-file: "YOUR BIBLIOGRAPHY FILE",
```

Typst

Listing 14: Bibliography Option

You will need to use a .bib file for this. The template will automatically generate the bibliography based on the citations in the document.

Note that the path to the bibliography file is relative to the *template* document, not the document you are writing.

7.8 CITATION STYLE

The citation style can be set by using the following option:

```
citation-style: "YOUR CITATION STYLE",
```

Typst

Listing 15: Citation Style Option

The standard style is `ieee`.

7.9 DISABLING TABLE OF CONTENTS

For certain extremely small documents, it might be desirable to disable the Table of Contents. This can be done by setting the following option:

```
disable-toc: true,
```

Typst

Listing 16: Table of Contents Option

For normal documents, this option should not be used.

7.10 DISABLING CHAPTER NUMBERING

For certain extremely small documents, it might be desirable to disable the chapter numbering. This can be done by setting the following option:

```
disable-chapter-numbering: true,
```

Typst

Listing 17: Chapter Numbering Option

7.11 GLOSSARY

7.11.1 SETTING TERMS

You can set terms by using the following option:

```
glossary-terms:(  
  (  
    key: "KEY",  
    short: "SHORT",  
    long: "LONG",  
    desc: [DESCRIPTION],  
  ),  
  ...  
)
```

Typst

Listing 18: Glossary Option

`long` and `desc` are optional.

7.11.2 FRONT VS BACK

By default the glossary will be shown in the back of the document. You can change this by setting the following option:

```
glossary-front: true,
```

Typst

Listing 19: Glossary Location Option

If set to `true`, the glossary will be placed after the Table of Contents. If set to `false`, the glossary will be placed after the references.

8 DEFAULT INCLUDED PACKAGES

8.1 CODLY

This package makes code blocks look nicer.

For example, a C++ code block will look like this:

```
int main() {  
    return 0;  
}
```



Listing 20: Codly C++ Example

Instead of something like this:

```
int main() {  
    return 0;  
}
```

Listing 21: Raw C++ Example

8.2 COLORFUL-BOXES

This package adds support for colored boxes.

Examples can be seen here in the Boxes section.

8.3 SHOWYBOX

This package adds support for colored boxes.

Examples can be seen here in the Boxes section.

8.4 GLOSSARIUM

This package handles the glossary.

GLOSSARY

FHICT – Fontys Hogeschool ICT: Fontys University of Applied Sciences 6

W.I.P. – Work In Progress. IV, 6

REFERENCES

- [1] TomVer99, "FHICT typst template." [Online]. Available: <https://github.com/TomVer99/FHICT-typst-template>

This page is intentionally left blank.

A THIS IS THE APPENDIX

In the appendix, only the top-level headings appear in the table of contents.

A.A I WILL NOT APPEAR IN THE TABLE OF CONTENTS