

Exploration of Typst for the Composition of a University Thesis

from the course of studies IT-Security | Mobile Computer Science

at the Cooperative State University Baden-Württemberg
Ravensburg Campus Friedrichshafen

by

Max Mustermann

Juan Pérez

08.12.2024

Student ID, Course:	7654321, TIS21 1234567, TIM21
Company:	YXZ GmbH, 70435, Stuttgart ABC S.L., 08005, Barcelona, Spain
Supervisor in the Company:	John Appleseed

Confidentiality Statement

The Thesis on hand

Exploration of Typst for the Composition of a University Thesis

contains internal respective confidential data of YXZ GmbH and ABC S.L.. It is intended solely for inspection by the assigned examiner, the head of the IT-Security | Mobile Computer Science department and, if necessary, the Audit Committee at the Cooperative State University Baden-Württemberg Ravensburg Campus Friedrichshafen.

The content of this thesis may not be made available, either in its entirety or in excerpts, to persons outside of the examination process and the evaluation process, unless otherwise authorized by the training institutions (YXZ GmbH and ABC S.L.).

Stuttgart and Barcelona 08.12.2024

Max Mustermann

Juan Pérez

Declaration of Authorship

Gemäß Ziffer 1.1.13 der Anlage 1 zu §§ 3, 4 und 5 der Studien- und Prüfungsordnung für die Bachelorstudiengänge im Studienbereich Technik der Dualen Hochschule Baden-Württemberg vom 29.09.2017. Wir versichern hiermit, dass wir unsere Arbeit mit dem Thema:

Exploration of Typst for the Composition of a University Thesis

selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt haben. Wir versichern zudem, dass alle eingereichten Fassungen übereinstimmen.

Stuttgart and Barcelona 08.12.2024

Max Mustermann

Juan Pérez

Table of Contents

1 Introduction	1
2 Examples	2
2.1 Acronyms	2
2.2 Glossary	2
2.3 Lists	2
2.4 Figures and Tables	3
2.4.1 Figures	3
2.4.2 Tables	3
2.5 Code Snippets	3
2.6 References	5
3 Conclusion	6
References	1

List of Figures

Figure 1: Image Example	3
--------------------------------------	----------

List of Tables

Table 1: Table Example	3
-------------------------------------	----------

Code Snippets

Listing 1: Codeblock Example	4
---	----------

List of Acronyms

API	Application Programming Interface
HTTP	Hypertext Transfer Protocol
REST	Representational State Transfer

Glossary

Exploit	An exploit is a method or piece of code that takes advantage of vulnerabilities in software, applications, networks, operating systems, or hardware, typically for malicious purposes.
Patch	A patch is data that is intended to be used to modify an existing software resource such as a program or a file, often to fix bugs and security vulnerabilities.
Vulnerability	A Vulnerability is a flaw in a computer system that weakens the overall security of the system.

1 Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleamur animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleamur animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleamur animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et.

2 Examples

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequale doleamus animo, cum corpore dolemus, fieri.

2.1 Acronyms

Use the `acr` function to insert acronyms, which looks like this Hypertext Transfer Protocol (HTTP).

Application Programming Interfaces are used to define the interaction between different software systems.

REST is an architectural style for networked applications.

2.2 Glossary

Use the `gls` function to insert glossary terms, which looks like this:

A Vulnerability is a weakness in a system that can be exploited.

2.3 Lists

Create bullet lists or numbered lists.

- This
 - is a
 - bullet list
-
1. It also
 2. works with
 3. numbered lists!

2.4 Figures and Tables

Create figures or tables like this:

2.4.1 Figures



Figure 1 — Image Example

2.4.2 Tables

	Area	Parameters
cylinder.svg	$\pi h \frac{D^2 - d^2}{4} \quad (1)$	h : height D : outer radius d : inner radius
tetrahedron.svg	$\frac{\sqrt{2}}{12} a^3 \quad (2)$	a : edge length

Table 1 — Table Example

2.5 Code Snippets

Insert code snippets like this:

```
1  const ReactComponent = () => {  
2    return (  
3      <div>  
4        <h1>Hello World</h1>  
5      </div>  
6    );  
7  };  
8  
9  export default ReactComponent;
```

Listing 1 — Codeblock Example

2.6 References

Cite like this International Organization for Standardization [1]. Or like this [1].

You can also reference by adding <ref> with the desired name after figures or headings.

For example this Table 1 references the table on the previous page.

3 Conclusion

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet, ut et voluptates repudiandae sint et molestiae non recusandae. Itaque earum rerum.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et.

References

- [1] International Organization for Standardization, "ISO/IEC 18004: Information technology – Automatic identification and data capture techniques – QR code bar code symbology specification," in *ISO/IEC 18004:2015*, 2015.