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Acknowledgment

You can use this chapter to give thanks to everyone who has helped bring this thesis to completion.

Explanation regarding the master's thesis and the oral presentation

This master's dissertation is part of an exam. Any comments formulated by the assessment committee during the oral presentation of the master's dissertation are not included in this text.

Abstract

This chapter should contain three things.

- A copy of all the information on the title page of your master's thesis. This includes things like the name of your master's thesis and your advisors.
- A one-paragraph description of your master's thesis. This should be 15 to 20 lines long. This should include the context of your master's thesis, the problem statement of your master's thesis. The results of your master's thesis, and the evaluation of the work.
- Five keywords that describe the subject best.

The chapter should be one page at most.

Extended Abstract

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Index Terms—template

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List of Figures

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List of Acronyms

API Application Programming Interface.

CPU Central Processing Unit.

GUI Graphical User Interface.

IP Internet Protocol.

IT Information Technology.

RAM Random Access Memory.

TCP Transmission Control Protocol.

UI User Interface.

vCPU Virtual Central Processing Unit.

VM Virtual Machine.

VPN Virtual Private Network.

List of Code Fragments

1.1 This hello-world code fragment is deceptively simple. Most rust programs are a lot more difficult to comprehend. 2

1

Introduction

Note: in most master's theses, the Introduction is a full-blow introductory chapter. That's why this chapter is numbered.

This template supports Unicode natively so special characters like “é” and “ë” work by default.

As is visible in Figure 1.1, the cloud provider manages the IaaS and PaaS stacks.

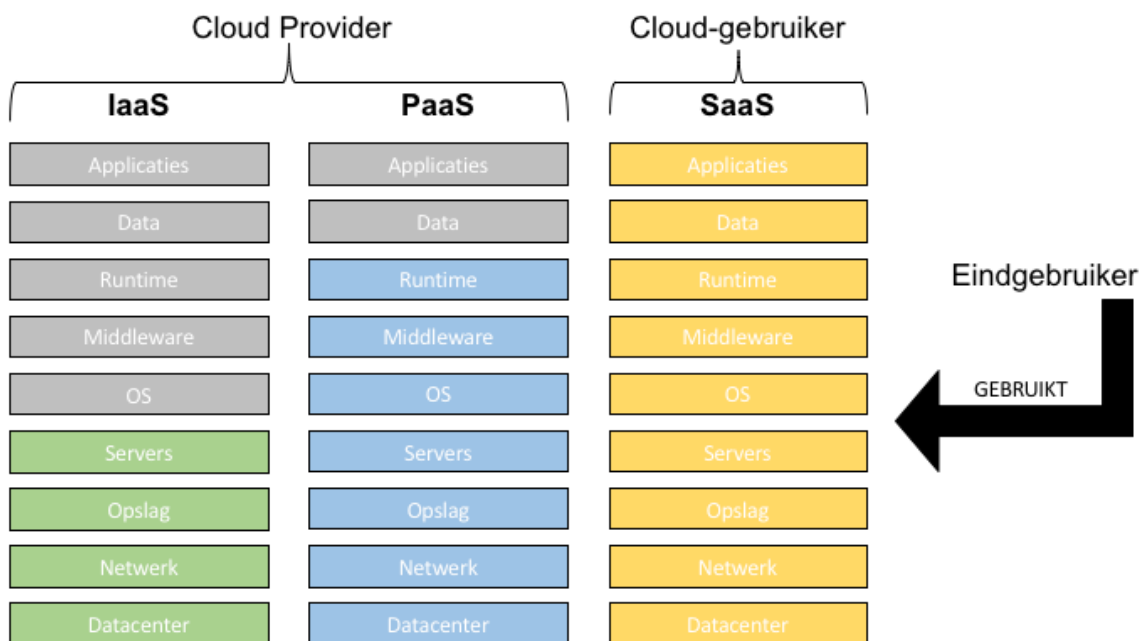


Figure 1.1: Image with caption.

Example of a code fragment. Minted supports modern programming languages such as Rust and Golang, and modern configuration formats such as YAML.

1 Introduction

```
// This is the main function.  
fn main() {  
    // Statements here are executed when the compiled binary is called.  
  
    // Print text to the console.  
    println!("Hello World!");  
}
```

Code Fragment 1.1: This hello-world code fragment is deceptively simple. Most rust programs are a lot more difficult to comprehend.

1.1 Section title

Table 1.1 shows an overview of..

Table 1.1: Overzicht resource-allocatieschema's

Naam	Jaar	Type	A F P	Invoer	Uitvoer	Getest
Alicherry et al. [1]	2012	k-snedes	A	G	par{G}	S
MCRVMP [2]	2012	ILP & GH	A	B{netwerk}	VM-plaatsing	C

2

Title of the second chapter

Text of the second chapter

2.1 Section title 1

Text.

2.2 Section title 2

Text.

3

Title of the third chapter

Text of the third chapter

4

Title of the fourth chapter

Text of the fourth chapter

4.1 Section title 1

Text.

4.2 Section title 2

Text.

Conclusion

Fill in..

Future Work

This chapter explains what the next steps are to continue the research and innovation of your master's thesis. Are there any additional features or research directions that are interesting? Are there ways in which your solution can be improved?

Sustainability reflection

This chapter is only for the engineering technology ("industriële ingenieur") students. It contains a sustainability reflection. You can interpret sustainability very broadly. For example, this chapter can include one or more of the following.

- Placing the work in a broader societal context. For example, how does this work impact or contribute to recent societal change such as digital transformation or the AI revolution?
- Explaining how the work contributes to the implementation of the United Nations (UN) Sustainable Development Goals (SDGs). For more information, see https://en.wikipedia.org/wiki/Sustainable_Development_Goals and <https://www.sdgs.be/nl/sdgs>.
- Reflecting on the ethical impact of this thesis or the used datasets. For example, how does this impact people's privacy? Is there bias available in the datasets? Could this be used for military or dual-use purposes?
- Investigating how the resulting work conforms to relevant laws or technical standards such as the GDPR, AI act and the CRA.

References

- [1] M. Alicherry and T. V. Lakshman, "Network aware resource allocation in distributed clouds," *Proceedings - IEEE INFOCOM*, pp. 963–971, 2012.
- [2] O. Biran, A. Corradi, M. Fanelli, L. Foschini, A. Nus, D. Raz, and E. Silvera, "A stable network-aware VM placement for cloud systems," *Proceedings - 12th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing, CCGrid 2012*, pp. 498–506, 2012.

Appendices

Attachment A

Attachment description.

Attachment B

Attachment description.