UNIVERSITY OF BERGEN

Department of Information Science and Media Studies

MASTERS THESIS

Some method for verifiable reproducibility

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January 7, 2019

Any negative polls are fake news, just like the CNN, ABC, NBC polls in the election. Sorry, people want border security and extreme vetting.

Donald Trump

Abstract

Here you give a summary of your your work and your results. This is like a management summary and should be written in a clear and easy language, without many difficult terms and without abbreviations. Everything you present here must be treated in more detail in the main report. You should not give any references to the report in the summary – just explain what you have done and what you have found out. The Summary and Conclusions should be no more than two pages.

Acknowledgment

I would like to thank the following persons for their great help during . . .

If the project has been carried out in cooperation with an external partner (e.g., a company), you should acknowledge the contribution and give thanks to the involved persons.

You should also acknowledge the contributions made by your supervisor(s).

O.N.

(Your initials)

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Chapter 1

Introduction

Chapter 2

Research Overview

2.1 Contour

2.2 Cothority

2.3 Benjamin

Chapter 3

Theory

In this section we will take a closer look at the theory surrounding supply chains and reproducible builds. Somethingsomething test

3.1 Supply Chains

The Supply Chain

Artifacts

Verification

in-toto

Certificate transparency log

3.2 Reproducible Builds

Determinism

Source Date Epoch

Buildinfo

3.3 Linux Distributions

History of Linux

Debian

Arch Linux

3.4 Rebuilders

Chapter 4

Methodology

Chapter 5

Development

5.1 APT Transport

5.2 Rebuilders

5.3 Visualizer

Chapter 6

Reproducible Builds Summit 2018

In december of 2018...

6.1 Session 1

6.2 Session 2

6.3 Session 3

Chapter 7

Discussion

Chapter 8

Conclusion