

Draft of the Bachelor Project's Table of Contents

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The number of pages that each section takes up is estimated in a parenthesis next to the name of the section.

Abstract (1)

List of Figures (1)

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Introduction (2)

- Background (1/2)
- Motivation (1/2)
- Objectives (1)

Background (7)

- VDM++ (2)
- UML (1)
- LSP (1)
- Modelio (2)
- New VSC-based VDM and its advantages (1)
- Challenges (1)

Design (10)

- Extending the LSP, using a wrapper for the overture functionality or using VSC tools
- Potential for dependencies on overture, when using a wrapper.
- future developments of VDM++ on Visual studio code
- Real time updates
- Exported UML object / different views inside VSC
- Bidirectional implementation

Implementation (4)

- TBD

Discussion (3)

- Design discussion
- Implementation discussion

Conclusions and Future Work (1)