

**THIS IS A VERY NICE TITLE**

THIS IS A VERY NICE SUBTITLE



VRIJE UNIVERSITEIT

**THIS IS A VERY NICE TITLE**  
**THIS IS A VERY NICE SUBTITLE**  
(corps and font of title can be adjusted)

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor [of Philisophy]  
aan de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. J.J.G. Geurts,  
volgens besluit van de decaan  
van de Faculteit der Bètawetenschappen  
in het openbaar te verdedigen  
op [day] [date month year] om [TIME xx.xx] uur  
in de universiteit

door

[all first names and surname]

geboren te [place of birth][, country of birth if not in NL]

promotoren: prof.dr. [FULL INITIALS, SURNAME]  
dr. [FULL INITIALS, SURNAME]

copromotoren: dr. [FULL INITIALS, SURNAME]  
dr. [FULL INITIALS, SURNAME]

promotiecommissie: prof.dr. [FULL INITIALS, SURNAME]  
dr. [FULL INITIALS, SURNAME]

(in case of one supervisor change promotoren into promotor)

(in case of one cosupervisor change copromotoren into copromotor)

(no space between prof.dr.)

**This dissertation was approved by**

*Promoter:*

Prof.dr. promoter 1

Vrije Universiteit Amsterdam,  
The Netherlands

*Copromoter:*

Prof.dr. promoter 2

Vrije Universiteit Amsterdam,  
The Netherlands

**Dissertation Committee**

*Chairman:*

Rector Magnificus,

Prof.dr. Jeroen J.G. Geurts

Vrije Universiteit Amsterdam,  
The Netherlands

*Committee:*

Prof.dr. committee member 1

Affiliation,  
City, Country

Prof.dr. committee member 2

Affiliation,  
City, Country

Prof.dr. committee member 3

Affiliation,  
City, Country

Prof.dr. committee member 4

Affiliation,  
City, Country

Prof.dr. committee member 5

Affiliation,  
City, Country



*Keywords:*

*Printed by:*

*Cover:*

The author set this thesis in L<sup>A</sup>T<sub>E</sub>X using the XY and YX fonts.

ISBN: xxxxx

An electronic version of this thesis is available at <https://www.vu.nl/>.

© [year], [the author], Amsterdam, the Netherlands.





SIKS Dissertation Series No. XXXX-XX

The research reported in this thesis has been carried out under the auspices of SIKS, the Dutch Research School for Information and Knowledge Systems.

ISBN: xxxxx

Copyright ©

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the author.



# DECLARATION OF AUTHORSHIP

I, [AUTHOR], hereby declare that the thesis titled “[TITLE]” and its content are the result of my own work.

I confirm that:

- This work was primarily conducted during my pursuit of a research degree at these universities.
- If any portion of this thesis has been previously submitted for an academic degree or any other qualification at these universities or any other educational institution, I have explicitly disclosed this information.
- I have consistently acknowledged the sources of published works by other authors that I consulted.
- In cases where I have included excerpts from the work of others, I have consistently provided proper source attributions. Aside from these quotations, the entirety of this thesis represents my independent effort.
- I have acknowledged all significant sources of assistance.
- In cases where this thesis draws upon collaborative efforts with others, I have provided a clear distinction between the contributions made by collaborators and my own individual contributions.

[DATE]



*Don't ask whether you can do something, but how to do it.*

Adele Goldberg



---

# CONTENTS

<b>1 Introduction</b>	<b>1</b>
1.1 Background & Context . . . . .	2
<b>2 Paper 1</b>	<b>5</b>
2.1 Paper Section. . . . .	6
<b>3 Conclusion</b>	<b>7</b>
3.1 This is a section title . . . . .	7
3.1.1 This is a subsection. . . . .	7
<b>Bibliography</b>	<b>9</b>
<b>Glossary</b>	<b>11</b>
<b>List of Publications</b>	<b>13</b>



# 1

## INTRODUCTION

*Sample Abstract. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.*

This is an introductory page. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

## 1.1 BACKGROUND & CONTEXT

In this thesis, you can reference pictures Figure 1.1 using `Cleverref` and circles ⑤.

We also have lists:

1. Static Analysis ③ examines program artifacts or their source code without executing them [2], while
2. Dynamic Analysis ④ relies on information gathered from their execution [3].

Or boxes:

I hope this helps you get started! Moritz & Laurens

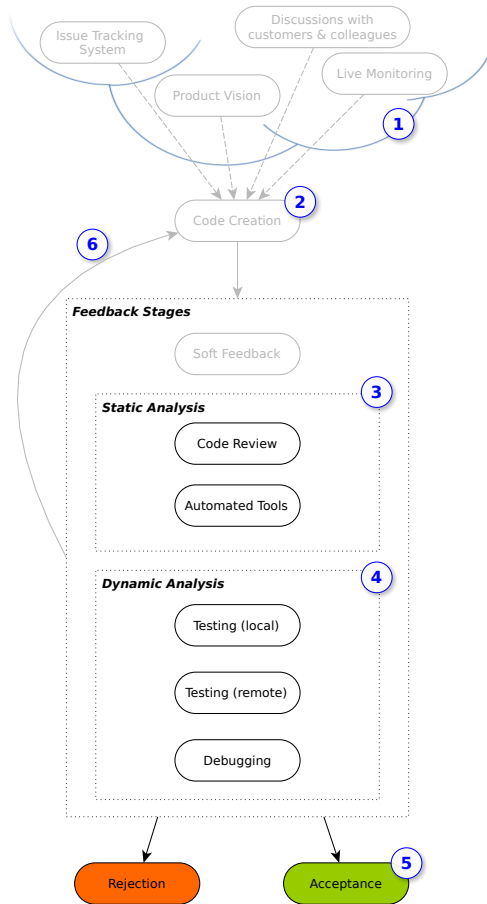


Figure 1.1: The stages of the FDD model and their relationship to other Software Engineering concepts.



## 2

## 2

## PAPER 1

*Abstract Paper 1. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.*

This is the 2nd paper. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Figure 2.1 with two sub-figures such as 2.1a and 2.1b

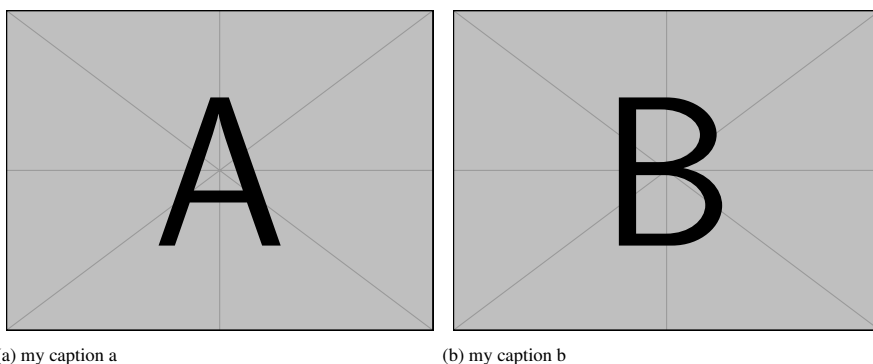


Figure 2.1: Two foo figures.

## 2.1 PAPER SECTION

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

# 3

## CONCLUSION

The conclusions of your thesis.

### **3.1 THIS IS A SECTION TITLE**

Hello have a table.

What? A booktabs table?

#### **3.1.1 THIS IS A SUBSECTION**

Hi again!

##### **THIS IS A SUBSUBSECTION HEADER**

Bye this time.

Table 3.1: A nice table.

Column name	Explanation
last_modified	Kaas
version	Baas
db_schema_version	Haas

Table 3.2: A nice table.

Column name	Explanation
last_modified	Kaas
version	Baas
db_schema_version	Haas

# BIBLIOGRAPHY

URLs in this thesis have been archived on Archive.org. Their link target in digital editions refers to this timestamped version.

## REFERENCES

- [1] Tom Wildenhain. On the turing completeness of powerpoint. In *11th International Conference on Special Interest Group on Harry Quip Bovik, SIGBOVIK 2017, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA.*, 2017.
- [2] BA Wichmann, AA Canning, DL Clutterbuck, LA Winsborrow, NJ Ward, and DWR Marsh. Industrial perspective on static analysis. *Software Engineering Journal*, 10(2):69–75, 1995.
- [3] Bas Cornelissen, Andy Zaidman, Arie Van Deursen, Leon Moonen, and Rainer Koschke. A systematic survey of program comprehension through dynamic analysis. *IEEE Transactions on Software Engineering*, 35(5):684–702, 2009.




# GLOSSARY


**FDD** Feedback-Driven Development, a model of the modern code creation cycle that involves acquiring and integrating feedback from multiple sources and passing quality gates in a highly customizable way (described in Chapter 1).



# LIST OF PUBLICATIONS

- 1. *Moritz Beller*: Toward an Empirical Theory of Feedback-Driven Development. To appear in 40th International Conference on Software Engineering (ICSE), Student Research Competition (SRC), Gothenborg, Sweden, 2018. Acceptance Rate 43% (10/23)

 Included in this thesis.

 Won a best paper, tool demonstration, or proposal award.