

Aalto University  
School of Science  
Degree Programme in Computer Science and Engineering

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# Agile metrics: Why and how

Master's Thesis  
Espoo, June 18, 2011

**DRAFT! — February 6, 2014 — DRAFT!**

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Advisors: Juha Itkonen D.Sc. (Tech.)  
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ABSTRACT OF  
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A dissertation or thesis is a document submitted in support of candidature for a degree or professional qualification presenting the author’s research and findings. In some countries/universities, the word thesis or a cognate is used as part of a bachelor’s or master’s course, while dissertation is normally applied to a doctorate, whilst, in others, the reverse is true.			
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# Abbreviations and Acronyms

2k/4k/8k mode	COFDM operation modes
3GPP	3rd Generation Partnership Project
ESP	Encapsulating Security Payload; An IPsec security protocol
FLUTE	The File Delivery over Unidirectional Transport protocol
e.g.	for example (do not list here this kind of common acronyms or abbreviations, but only those that are essential for understanding the content of your thesis.
note	Note also, that this list is not compulsory, and should be omitted if you have only few abbreviations

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## Ensisijaiset tutkimukset

- 1 Kirsi Korhonen. Migrating defect management from waterfall to agile software development in a large-scale multi-site organization: A case study. In Pekka Abrahamsson, Michele Marchesi, and Frank Maurer, editors, *Agile Processes in Software Engineering and Extreme Programming*, volume 31 of *Lecture Notes in Business Information Processing*, pages 73–82. Springer Berlin Heidelberg, 2009. ISBN 978-3-642-01852-7. doi: 10.1007/978-3-642-01853-4\_10

- [S1] Kirsi Korhonen. Migrating defect management from waterfall to agile software development in a large-scale multi-site organization: A case study. In Pekka Abrahamsson, Michele Marchesi, and Frank Maurer, editors, *Agile Processes in Software Engineering and Extreme Programming*, volume 31 of *Lecture Notes in Business Information Processing*, pages 73–82. Springer Berlin Heidelberg, 2009. ISBN 978-3-642-01852-7. doi: 10.1007/978-3-642-01853-4\_10

[S2] D. Hartmann and R. Dymond. Appropriate agile measurement: using metrics and diagnostics to deliver business value. In *Agile Conference, 2006*, pages 6 pp.–134, 2006. doi: 10.1109/AGILE.2006.17

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# References

Kirsi Korhonen. Migrating defect management from waterfall to agile software development in a large-scale multi-site organization: A case study. In Pekka Abrahamsson, Michele Marchesi, and Frank Maurer, editors, *Agile Processes in Software Engineering and Extreme Programming*, volume 31 of *Lecture Notes in Business Information Processing*, pages 73–82. Springer Berlin Heidelberg, 2009. ISBN 978-3-642-01852-7. doi: 10.1007/978-3-642-01853-4\_10. URL [http://dx.doi.org/10.1007/978-3-642-01853-4\\_10](http://dx.doi.org/10.1007/978-3-642-01853-4_10).

## Appendix A

### First appendix

This is the first appendix. You could put some test images or verbose data in an appendix, if there is too much data to fit in the actual text nicely.

For now, the Aalto logo variants are shown in Figure A.1.



(a) In English



(b) Suomeksi



(c) På svenska

Figure A.1: Aalto logo variants