

FAKULTÄT FÜR INFORMATIK

DER TECHNISCHEN UNIVERSITÄT MÜNCHEN

Bachelorarbeit in Informatik

Myriad – a mailmerge tool for massive parallel, yet individual email conversations

Ludwig Schubert





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Myriad – ein Serienbrief Email-Tool für hochgradig parallele, jedoch individualisierte Emailkonversationen

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Ich versichere, dass ich diese Bache Quellen und Hilfsmittel verwende	lorarbeit selbständig verfasst und nur die angegebenen habe.
München, den 17. Juli 2013	Ludwig Schubert

Abstract

This thesis introduces the myriad system for email mass communication.

Despite it's age, Email has remained the prevalent form of electronic communication, it's usage being wildly different from how it was imagined. The tools to handle it, however, are still stuck in their original UI metaphors.

Myriad aims at producing personalized communication on a comparable level to manually composed messages, while reducing user effort. A cross-over of mailmerge and customer support/helpdesk software, it enables managing big volumes of bidirectional email-based communication. It is based on a self-developed framework for separating information extraction, decision- making, and personalization steps in communication.

The myriad system consists of a server component that handles interfacing with email servers, a core logic system and a web frontend for users.

It can be tested at http://myriad.ludwigschubert.de.

Keywords

Email, Workflow, Helpdesk, Mailmerge, Crowdsourcing, Personalized Communication, Assisted Templating, Generated Documents, Web-Application

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Main Matter

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1.2. Goals and Background

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Hallo Latex: [1] Danke Latex!

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7. Conclusion

- 7.1. Conclusion of this work
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Bibliography

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Appendix

A. Detailed Descriptions

Here come the details that are not supposed to be in the regular text.

B. Colophon

This thesis is set in $\LaTeX[1]$, build by the continuous integration server Travis.