

The group was
ranked world top 3
in an IEEE TSE survey.

Software Engineering Research Group at Lund University

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Prof. Martin Höst

Prof. Per Runeson



New Book on Case Studies



**CASE STUDY RESEARCH IN
SOFTWARE
ENGINEERING**

Guidelines and Examples

PER RUNESON • MARTIN HÖST • AUSTEN RAINER • BJÖRN REGNELL

On-going research in Software Engineering in Lund



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**Software engineering for
scientific software**



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**Product management and quality
requirements roadmapping**



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**Powerful tool support for large-
scale tests to requirements linking**



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**When to choose an open source
software development mode?**



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**Dependability of IT Systems in
Emergency Situations**



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**Safety-critical software
requirements in health care**



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**Who tested my software?
Improving based on defect data**



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**Aligning requirements & testing
for faster software release**



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**Smart regression testing for
efficient quality control**



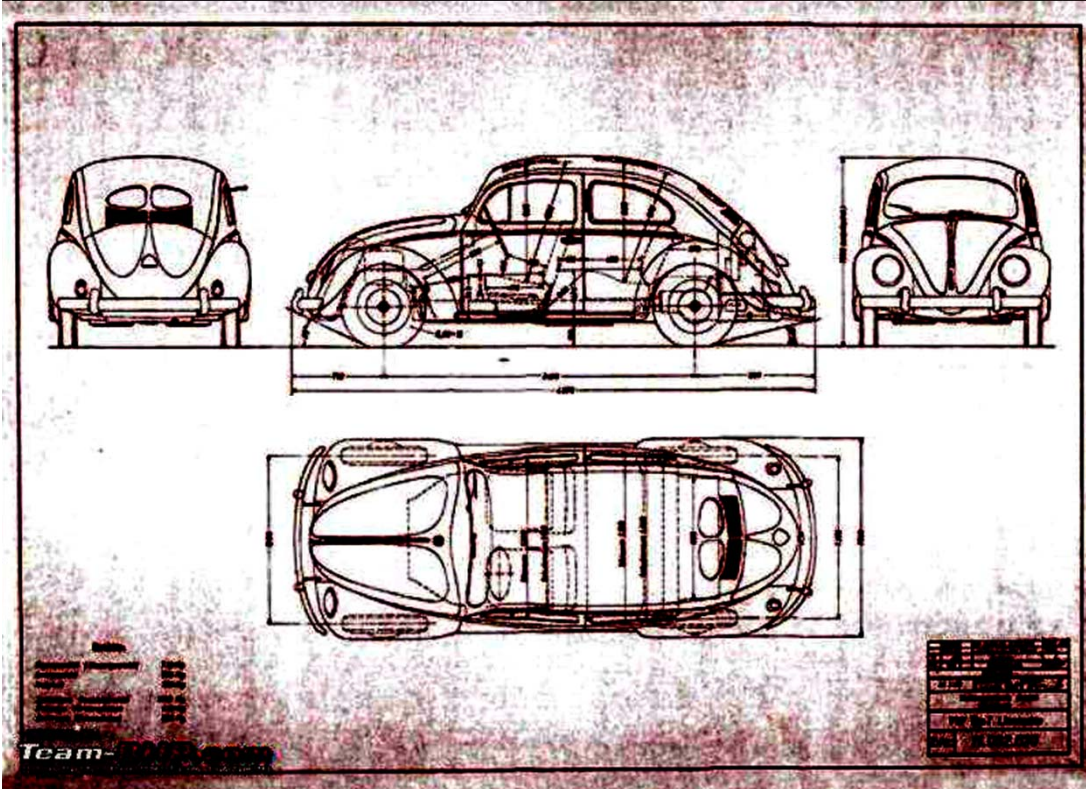
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**System safety assurance in
flexible software composition**



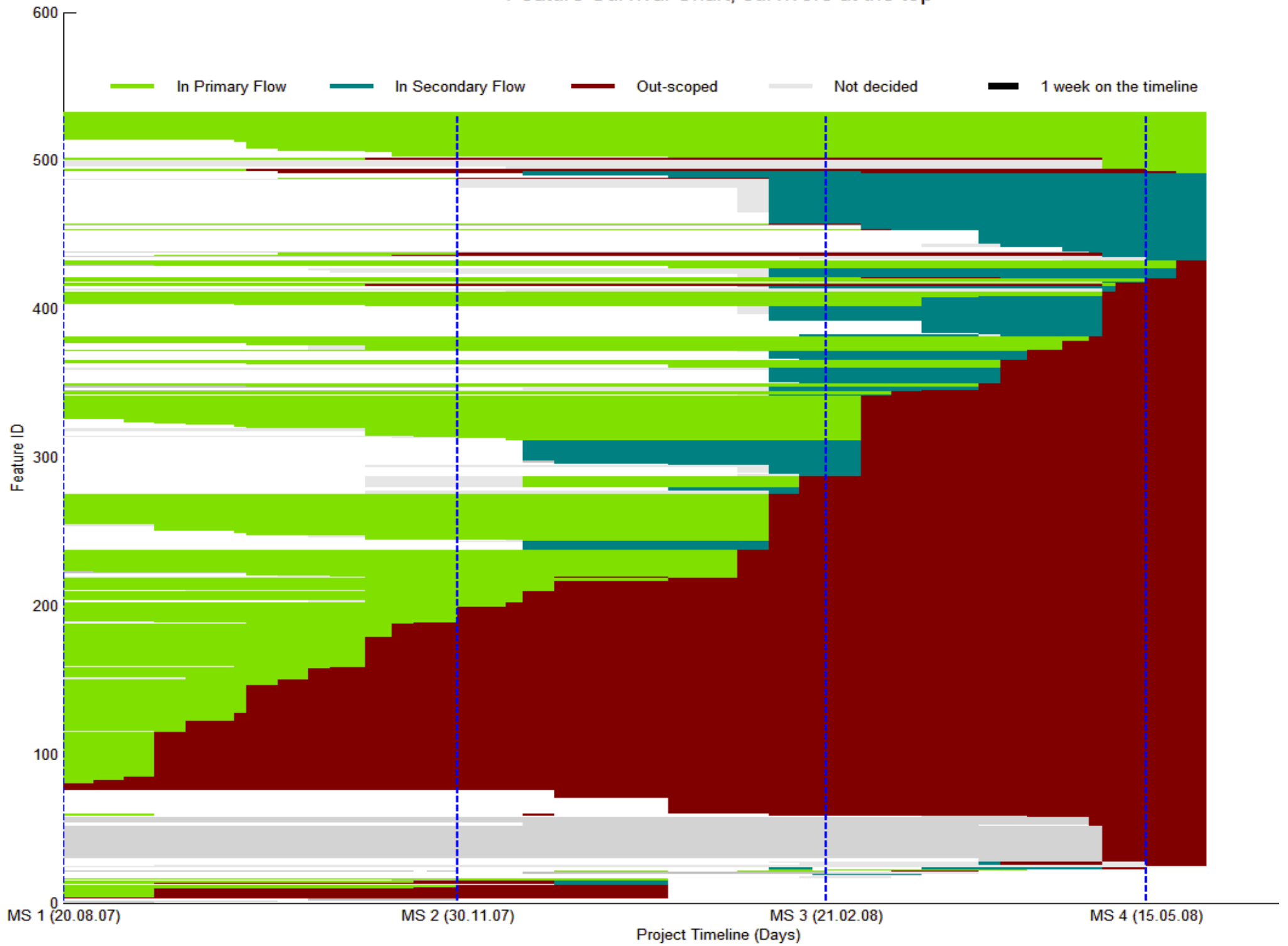
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**Visualization of large-scale
feature evolution**

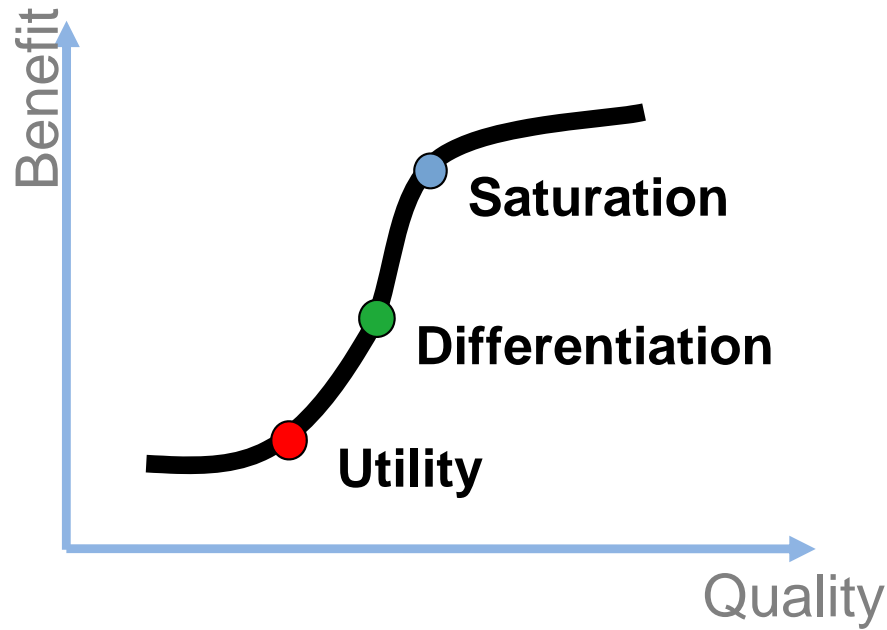
Are we testing the right requirements?



Feature Survival Chart, survivors at the top

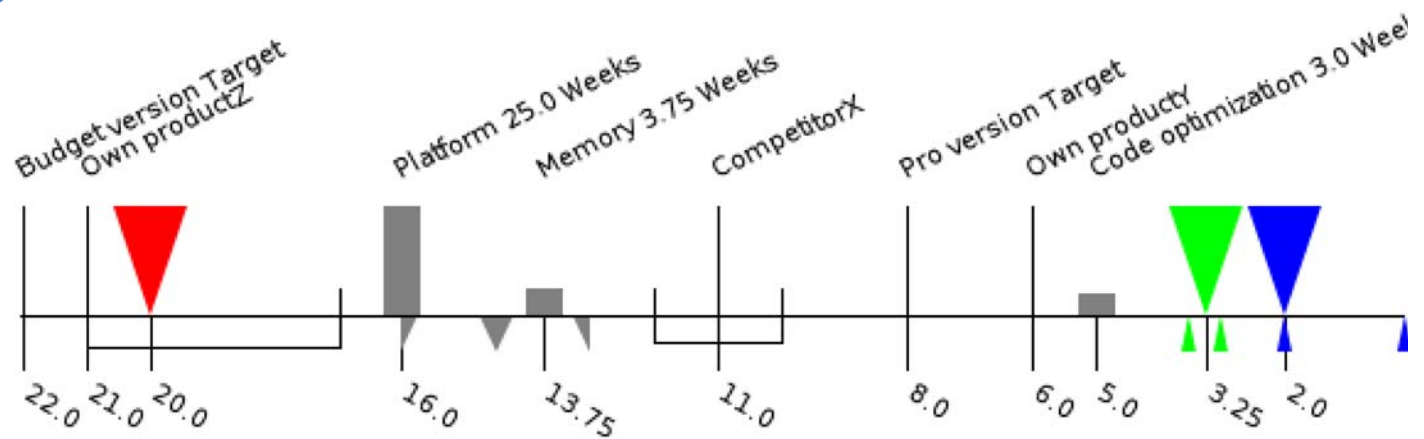


Setting Quality Targets with QUPER



Download Demo Tool:
www.quper.org

Startup time
Seconds



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