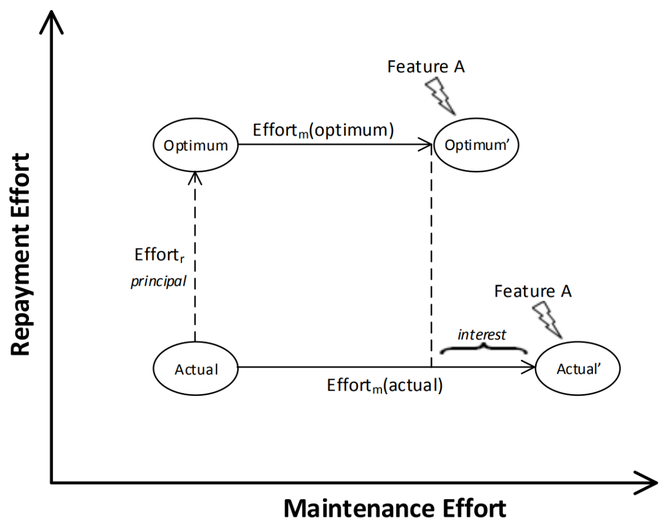
Technical Debt in Service-Oriented Software Systems

Nikolaos Nikolaidis, Apostolos Ampatzoglou, Alexander Chatzigeorgiou, Sofia Tsekeridou, Avraam Piperidis

1. Context

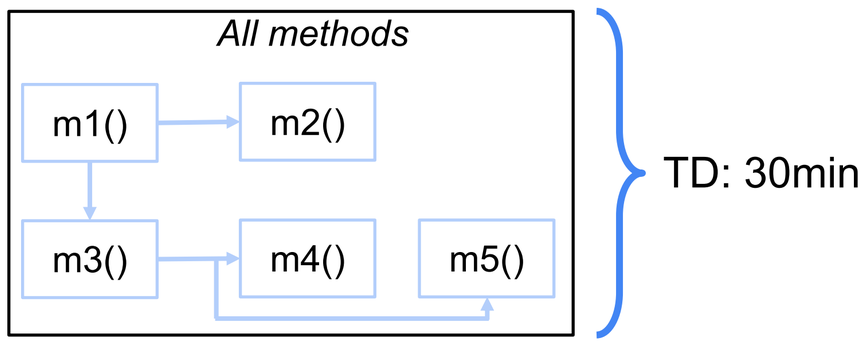
Technical Debt



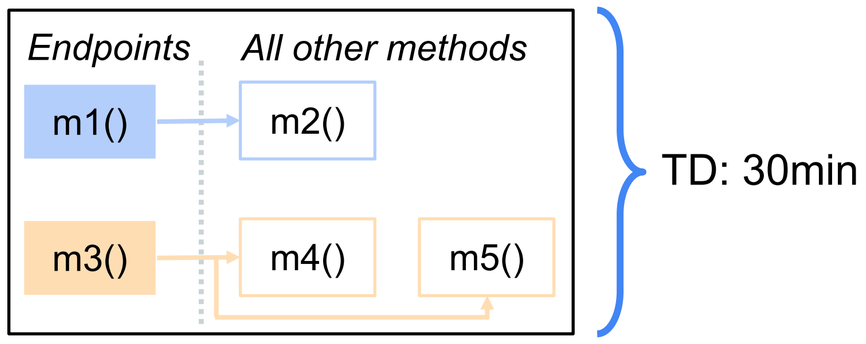
2. Problem

Different architecture but same project-level TD quantification method

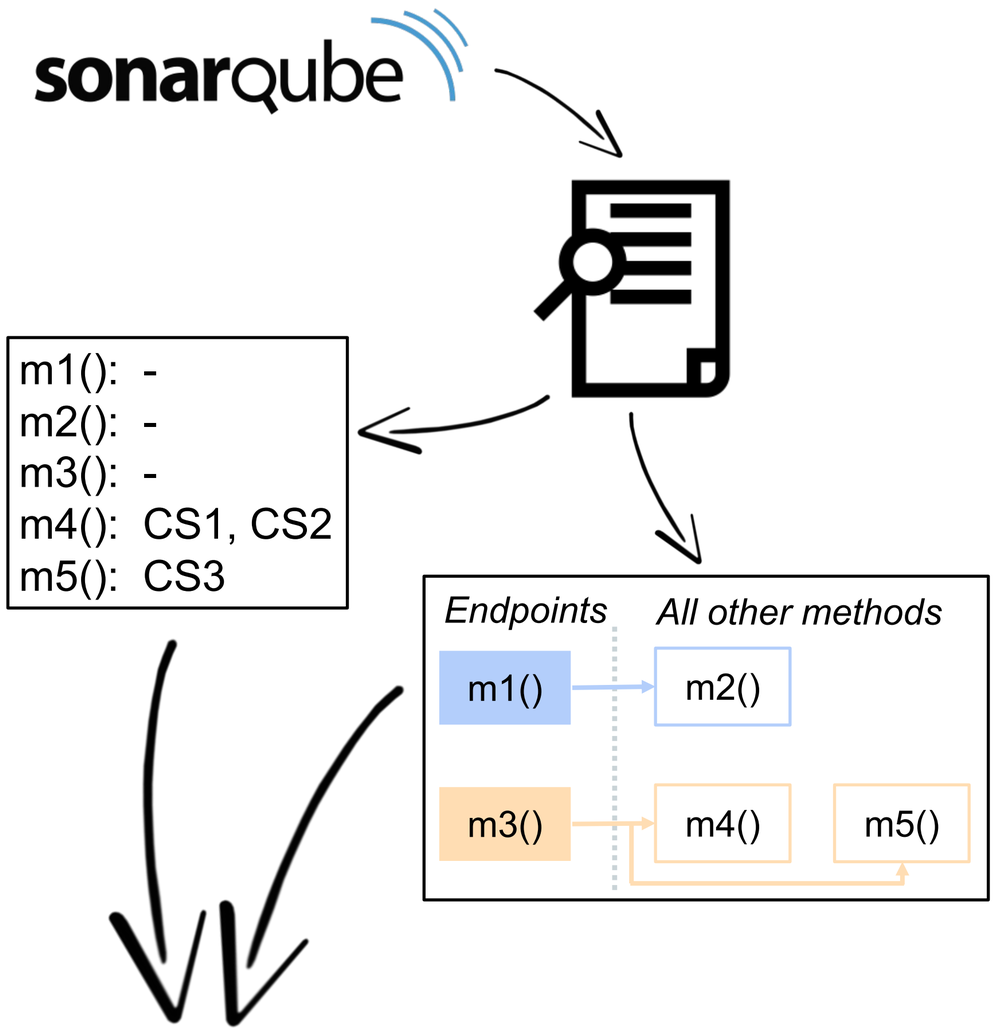
Non Web Service



Web Service



3. Methodology



4. Tool

Extension in Cloud based IDE

THEIA

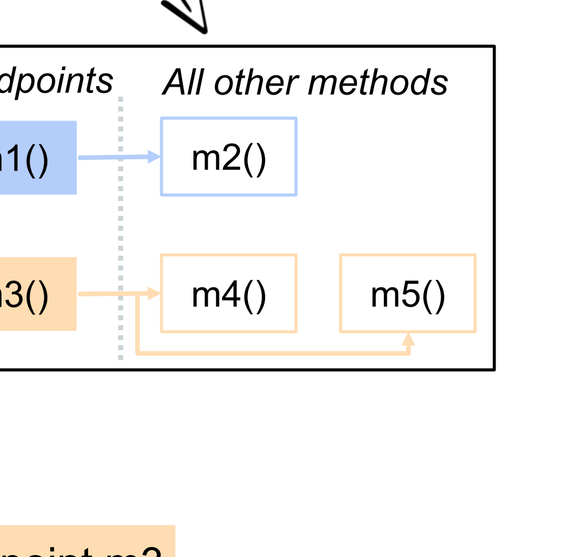
Part of Eclipse OpenSmartCLIDE

Try it out:
https://ide.che.smartclide.eu

5. Validation

~86.6% "Accurate" or "Highly Accurate"

~93% "Useful" or "Very Useful"



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΠΑΝΕΠΙΣΤΗΜΙΟ ΜΑΚΕΔΟΝΙΑΣ

SmartCLIDE

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