

Software Quality FS 2012

Discussion Exercise 3

Eya Ben Charrada

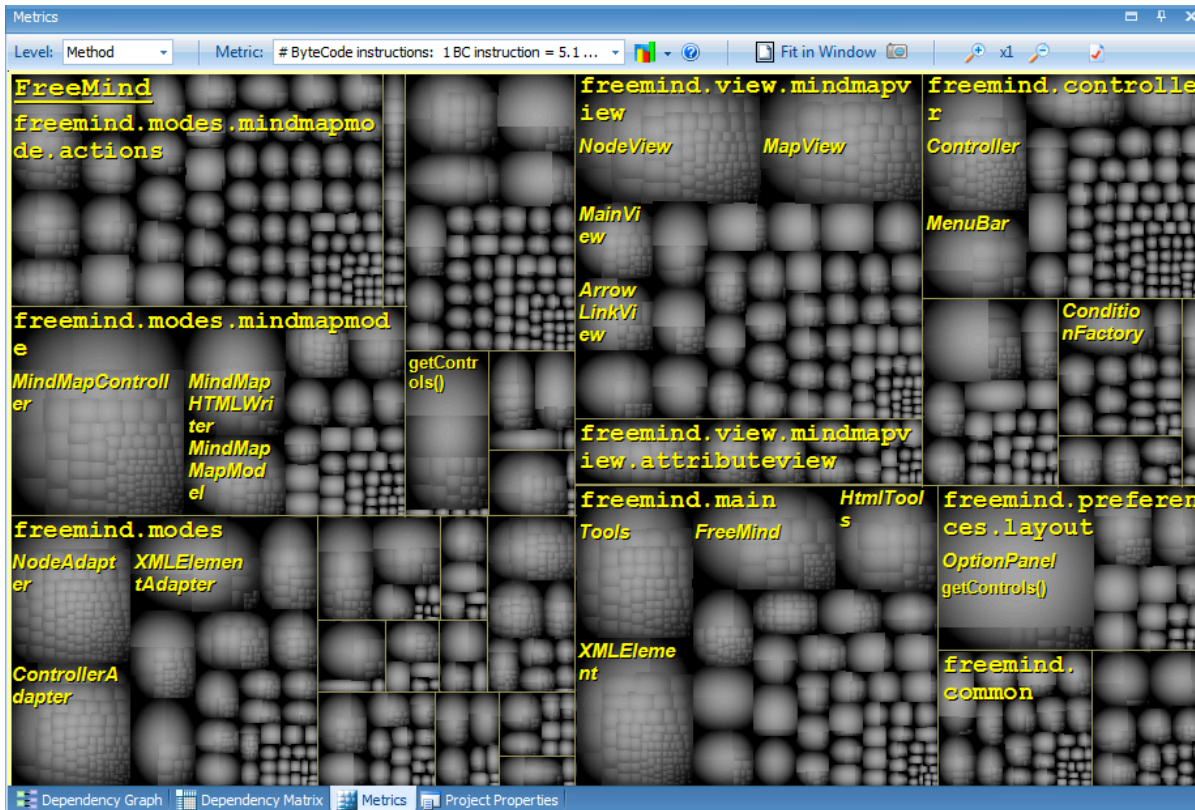


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Zurich** ^{UZH}

JArchitect

Graphical representation

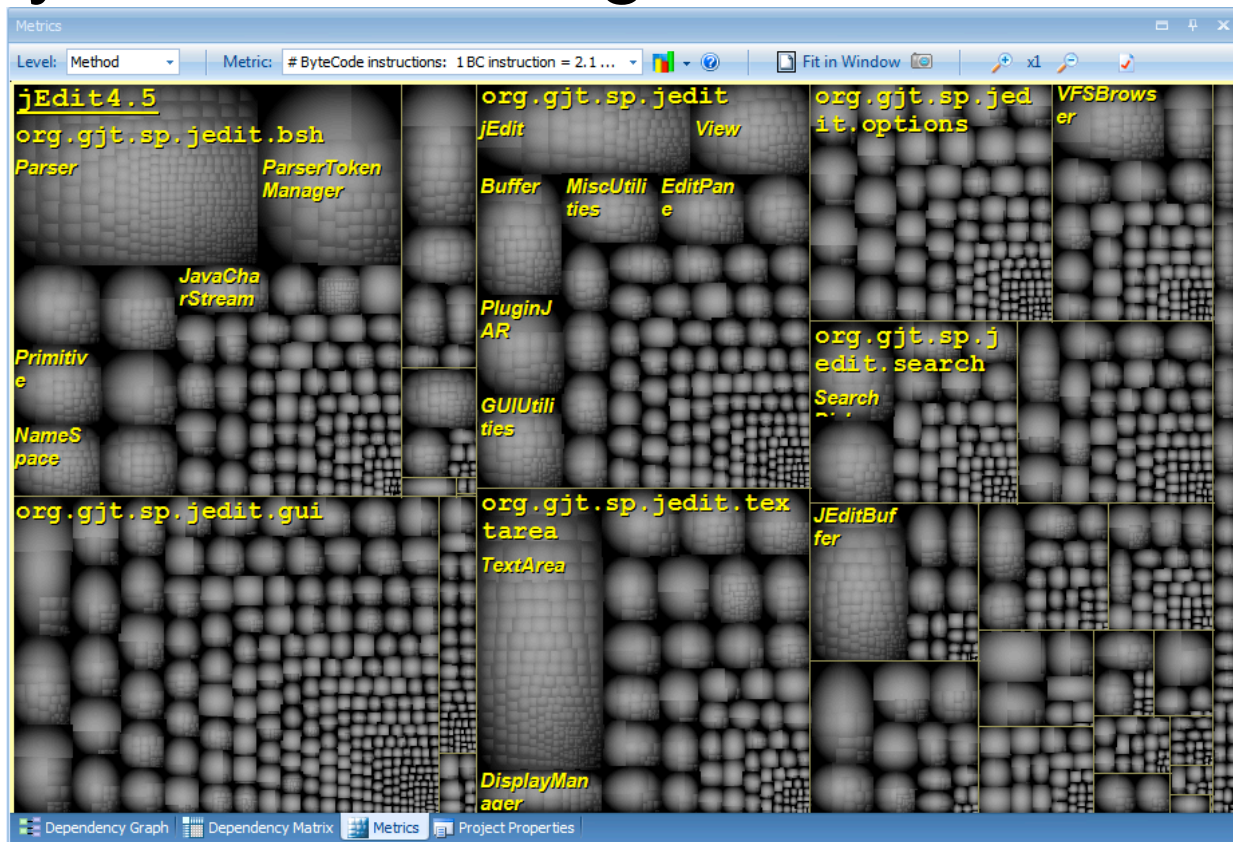
- Easy to detect design problems



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Graphical representation

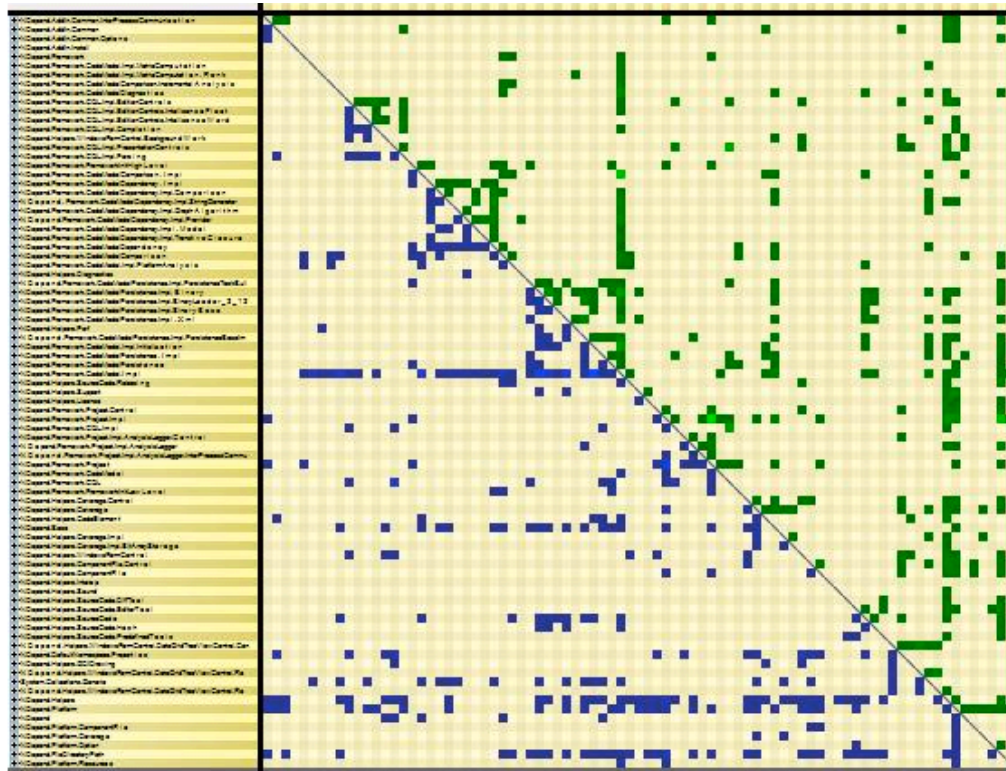
- Easy to detect design flaws



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Code structure patterns

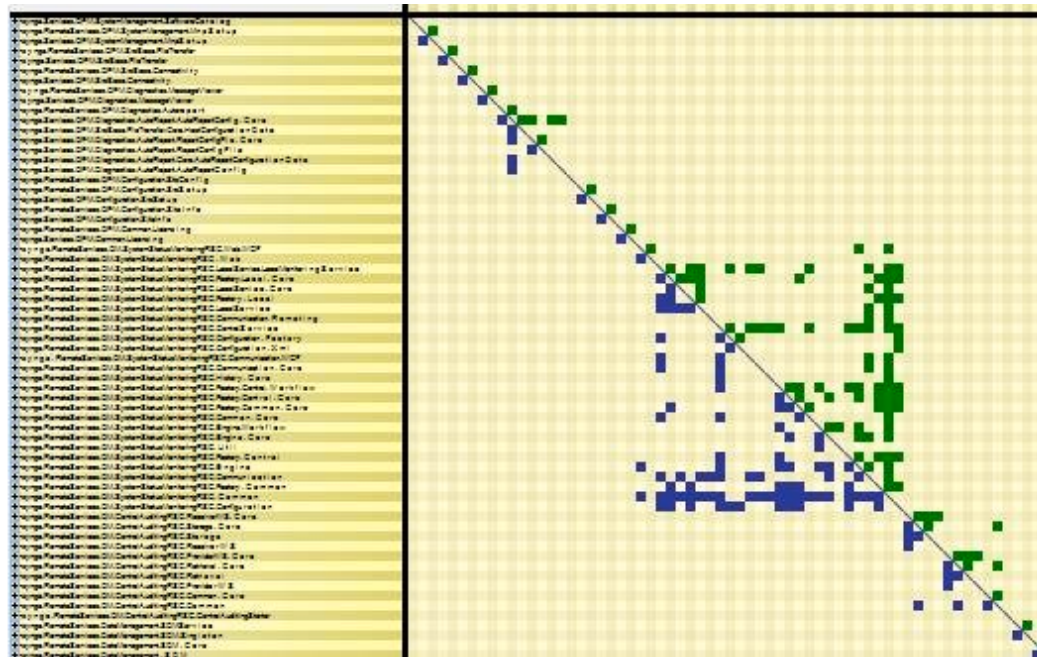
- Layered Code



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Code structure patterns

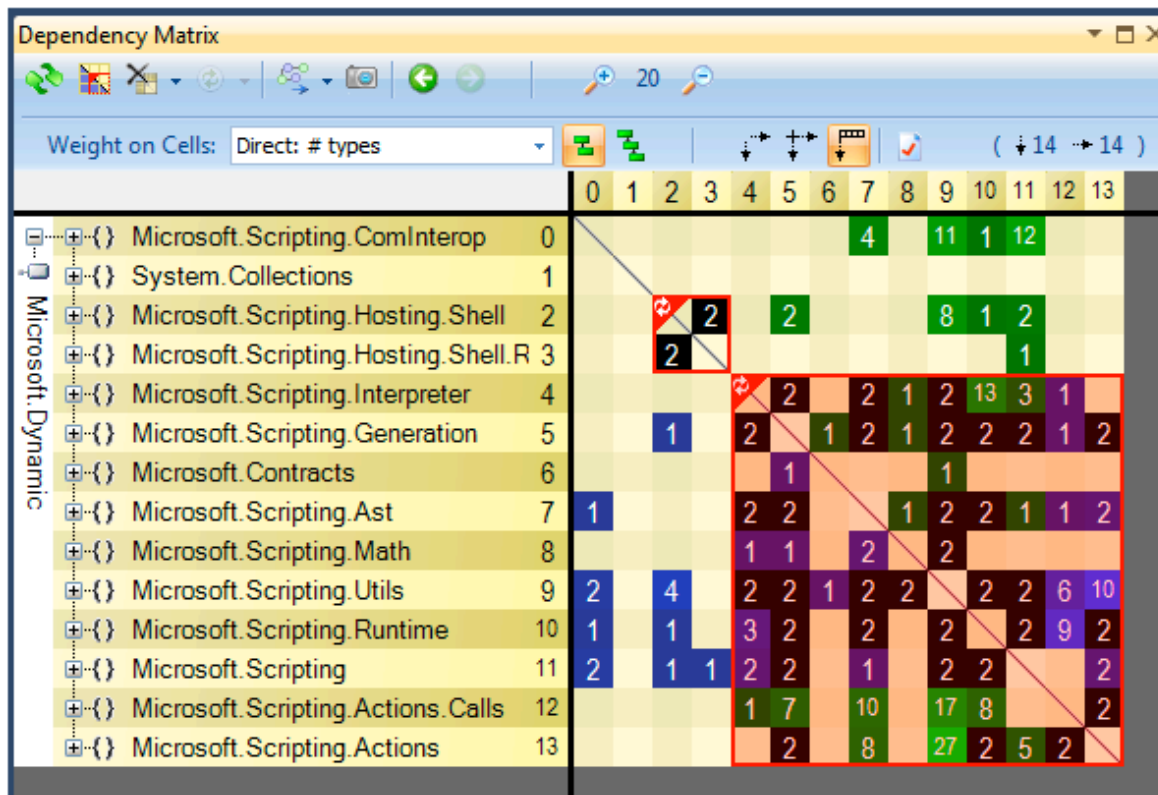
- High Cohesion – Low Coupling



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Code structure patterns

- Dependency cycle



Building a Detection Strategy

[Lanza and Marinescu (2006)]

- Informal design Rules
- Detection Technique
- Set of metrics with thresholds
- Detection Strategy

Course Evaluation

Exam

- Date: Monday May 7th from 14:00 to 15:30
- Location: BIN 2.A.10
- Scope:
 - Material presented in the lecture
 - Assignments
 - Literature (you were asked to read)
- Cheat sheet: 1 double-sided handwritten A4 page

Exam

Structure

- 1/3 knowledge questions
- 1/3 applications
- 1/3 essay and writings

Sample exam is available on the lecture's website