Project Proposal

o Title : Implementation and experiments of common coupling detection in source codes

o Goal :

- To detect common coupling in source codes

- To calculate coupling degree

- To provide common coupling information to developers and maintainers for high quality system

o Survey and summarization of common coupling and detection journals (1 week)

- 3 papers

o Implementation and experiments of detecting common coupling (2 week)

o Discussion and presentation (1 week)

o Tools

- Java JDT/AST

o Source system

- Weka

- Eclipse

o Deliverables

- source code

- common coupling result in 2 systems

- presentations

o Team members

- Sung Soo Ahn

- Bennilyn Quek

- Ronaldo Gonçalves Junior

o Reference

https://en.wikipedia.org/wiki/Coupling\_(computer\_programming)