

ANALYSIS OF JMVA

Analysis: Analyzed dependency matrix in IntelliJ Pro

Analysis: Found cyclical dependencies, can be eliminated with some patterns.

Analysis: ExactWizard is gui component

Analysis: ExactModel is model object, passed to SolverClient which then sends to SolverDispatcher;

Suggestion: No abstract layer between SolverClient and SolverDispatcher (use interface)

Analysis: SolverDispatcher: solves problem by delegating problem to other classes depending on type of problem.

Analysis: SolverAlgorithm looks very bad, too much dependency with SolverDispatcher

Suggestion: Some classes not used at all by JMVA in jmt.analytical, so should be moved out to reduce dependency

Analysis: Write a table of responsibilities of main classes and which packages they're part of