Test Code Generation UI
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Context

- A new UI is needed for our CodePro AnalytiX™ JUnit Test generator.
Context (continued)

- Currently improving the test code generator and have the opportunity to revisit the GUI.
- The current feedback to the user is through the log.
Requirements

- Eclipse look and feel
  - Re-use Eclipse icons and/or decorators
- Need the UI to be a Problems, Progress and Navigator view.
- The UI must look and feel like a modern 3.5 GUI without requiring any SWT features from before Eclipse 2.1.
- The UI must have context sensitive actions to assist the user in editing algorithm preferences.
- Engineers of the algorithm will want additional information when developing and testing.
Other Eclipse Solutions - 2

JUnit View and GMF Dashboard

Graphical Def Model
- mindmap.gmfframe
  - Select / Edit / Create

Domain Model
- mindmap.ecore
  - Select / Edit / Create

Combine
- Mapping Model
  - mindmap.gmfframe
  - Select / Edit / Create

Derive
- RCP
  - Transform 'Lite' transform

Diagram Editor Gen Model
- mindmap.gmfframe
  - Select / Edit / Create
  - Generate 'lite' diagram editor
  - Generate diagram editor
Demo
Pros and Cons

Pros
- Displays all information required
- The workflow-pattern for resolving & reviewing issues.

Cons
- As a navigator, the project context is lost
- The tree depth of 3 is too much, takes too much screen real-estate.