

# Zest: Move Review

## Transition from Mylyn to GEF

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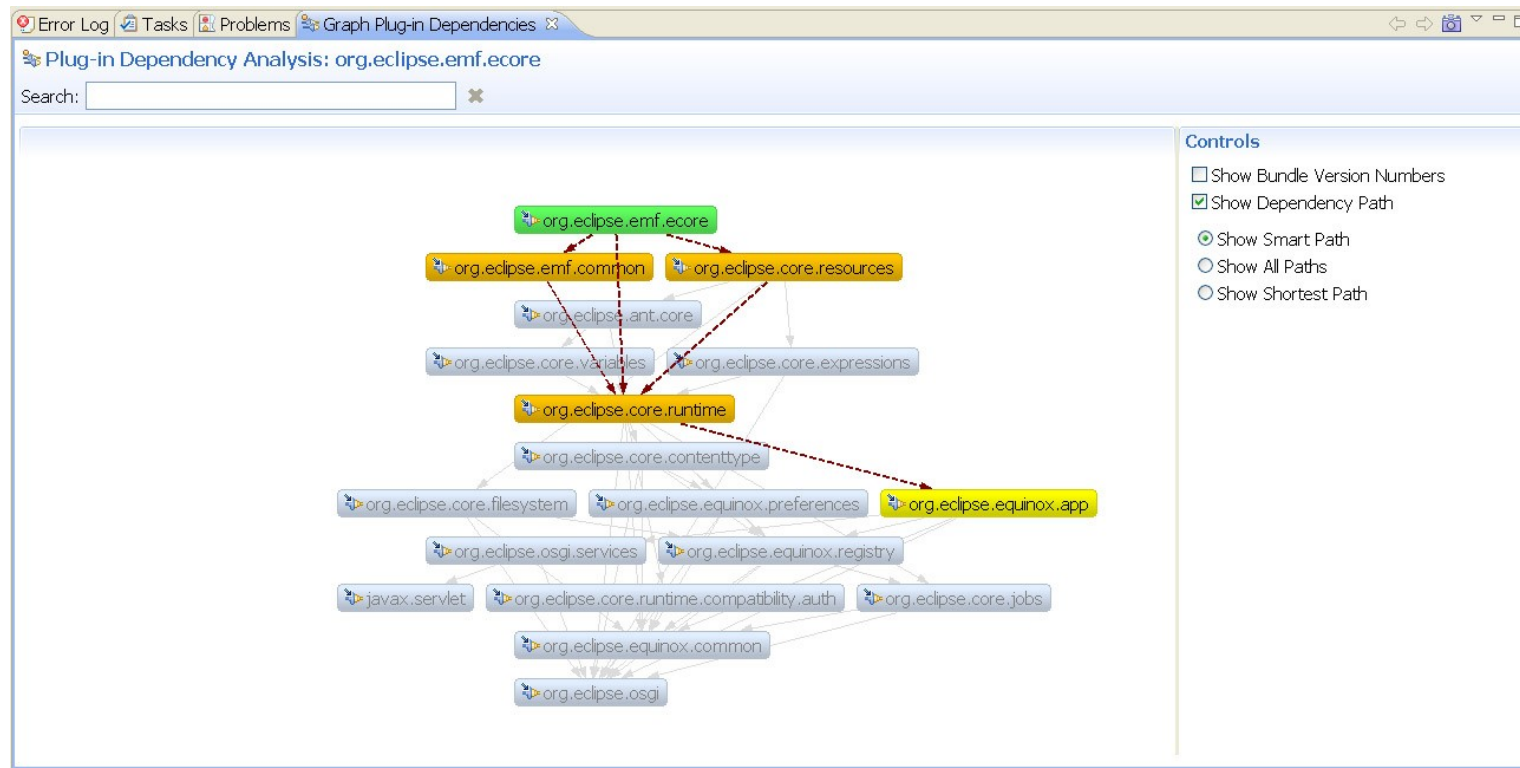
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- Zest Overview
- Background
- Move Request
  - Reasons for the move
  - Proposed Project Structure
  - Move plan
  - IP Review
- Voting and Comments
- Future Direction



- Zest is a Directed Graph Widget and Graph Visualization Framework for Eclipse
- Intended to ease the creation of Directed Graph Views
  - Conforms to JFace and SWT conventions
  - Can be used wherever an SWT composite is used
  - Depends on Draw2D
- Was originally part of Mylyn to visualize task contexts, but its applicability is much wider than that



- Currently being used to visualize plug-in dependencies in a PDE incubator project

<http://www.eclipse.org/pde/incubator/dependency-visualization/index.php>

- The move was initiated by Chris Aniszczyk and documented on Bug #164387

[https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=164387](https://bugs.eclipse.org/bugs/show_bug.cgi?id=164387)

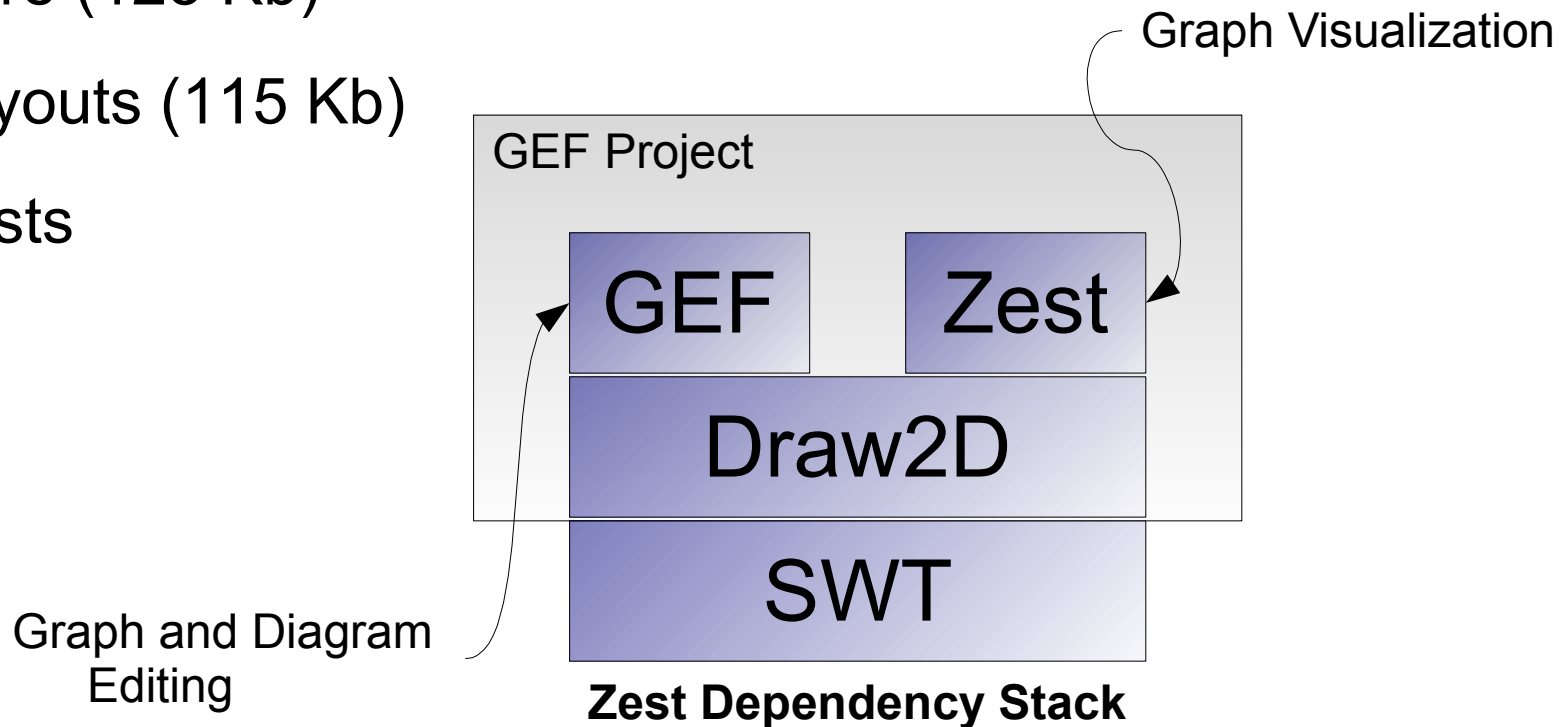
- An IP Review was initiated on IPZilla Issue #1699

[https://dev.eclipse.org/ipzilla/show\\_bug.cgi?id=1699](https://dev.eclipse.org/ipzilla/show_bug.cgi?id=1699)

- The project leads from both Mylyn and GEF, and the community agreed this was the best place for Zest

- While Zest was originally conceived to assist Mylyn, its applicability was realized in other places
  - Since Zest is a supplemental widget, the Nebula project was considered; however, Zest depends on Draw2D so it is unlikely to ever move to SWT (Nebula is an incubator for SWT)
  - Zest serves as a simple API for those doing graph visualization (Not graph editing, GEF is great at that)

- Zest will be an independent plug-in in the GEF project
- The GEF and Draw2D plug-ins will have **no** dependencies on Zest
- Zest will live as 3 cvs modules in the GEF project:
  - Zest Core (123 Kb)
  - Zest Layouts (115 Kb)
  - Zest Tests



- The code has already been copied (thanks to Anthony Hunter)
- There is no newsgroup to move
- Ian Bull has received committer status on GEF  
<http://dev.eclipse.org/mhonarc/lists/gef-dev/msg00940.html>
- Outstanding requests:
  - Move the Old Zest Bugs from Mylyn to GEF (the current bugs have already been moved)
  - Remove the Zest code from the Mylyn Repository



- An IP Review was opened to track this request  
[https://dev.eclipse.org/ipzilla/show\\_bug.cgi?id=1699](https://dev.eclipse.org/ipzilla/show_bug.cgi?id=1699)
- All code was reviewed when the project was first created (July 18<sup>th</sup>, 2005).
- Since then, all code committed came from:
  - R. Ian Bull (Eclipse Committer)
  - Chris Callendar (Past Eclipse Committer)
  - Bugzilla Entries
    - Some patches are > 250 LOC, these two individuals have agreed to sign a contribution questionnaire (paperwork pending)

- Voting and comments will take place

[https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=205121](https://bugs.eclipse.org/bugs/show_bug.cgi?id=205121)

- Support the Eclipse community, have your say!

- Zest will use the GEF newsgroup and mailing list
- We will continue to seek other contributors
  - One possibility is a Sequence Chart Widget & Viewer

