Eclipse GEF DOT
Graphviz authoring environment in Eclipse
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- committers on the Eclipse GEF project
- supporting the project for many years
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- never met them in person, yet

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GEF DOT
Top Level Component
GEF DOT - Graphviz authoring environment in Eclipse
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- Graphviz is a set of open-source tools for drawing graphs
- DOT is a graph description language - a DSL to define graphs
  - defined by the (host) grammar
  - provides 150+ graph, node and edge attributes (sub-grammar)
GEF DOT - Graphviz authoring environment in Eclipse

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- Eclipse GEF DOT authoring environment consists of
  - textual editor
  - graphical view
  - image (pdf, svg …) export
DEMO
GEF DOT - Upcoming Work

- DOT Editor: Xtext Refactorings (#540291)
- DOT View: HTML-Like Labels (#321775)
- Bidirectional Selection Synchronization (#540292)
- Bundling Graphviz Executable (#491098)
Low-Hanging Fruit
● Spline Interpolation (Geometry)
● Picking Radial Gradients (MVC.FX.UI)
● Support .gv File Extension (DOT)
● Panning via Middle Mouse Button (MVC)
● Support Tooltips for Edges (Zest)
● Fix Clickable Area of GeometryNode (FX)
● Maintain Zest-To-Content Back-References (Zest.FX.UI)
● Update Images in Wiki (Website)
● ...

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Thank You!
Any Questions?
please vote :-}
HOW TO GET INVOLVED

● GEF @ Eclipse:  [eclipse.org/gef](https://eclipse.org/gef)
● GEF @ GitHub:  [github.com/eclipse/gef](https://github.com/eclipse/gef)
● GEF Bugzilla:  [bugs.eclipse.org, search for “low-hanging fruit”](https://bugs.eclipse.org)