



# Extending RDi

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**COMMON**

# Ways to Extend RDi

- User Options & Snippets
- Plugins
- Commercial Plugins
  - TD/OMS
  - X-Analysis
  - RDi itself
- Open Source Plugins
  - iSphere
  - Mylyn
  - BIRT
- Do it yourself
  - Example

# User Options & Snippets

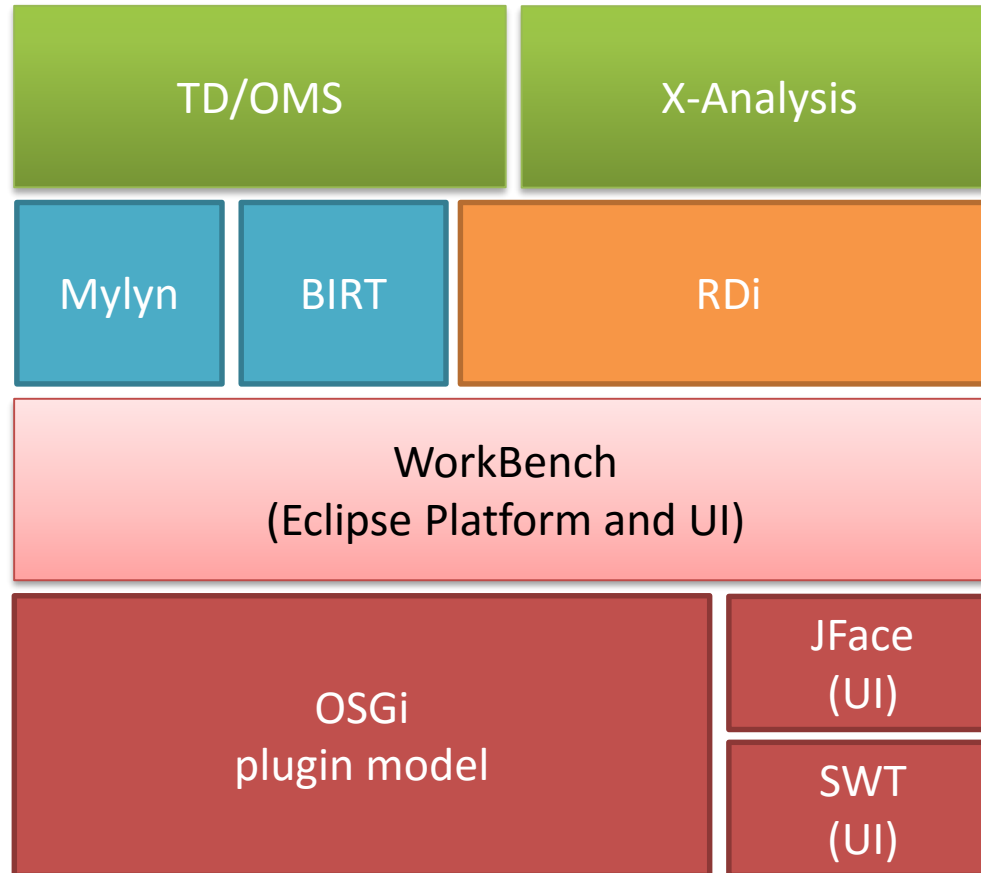
# Plugins

- Eclipse is a Java IDE
- Plugins Extend Eclipse
- The Java IDE is a Plugin
- Remove the Java IDE Plugin
- Add the IBM RSE Plugin
- Eclipse is RDi

# Commercial plugins

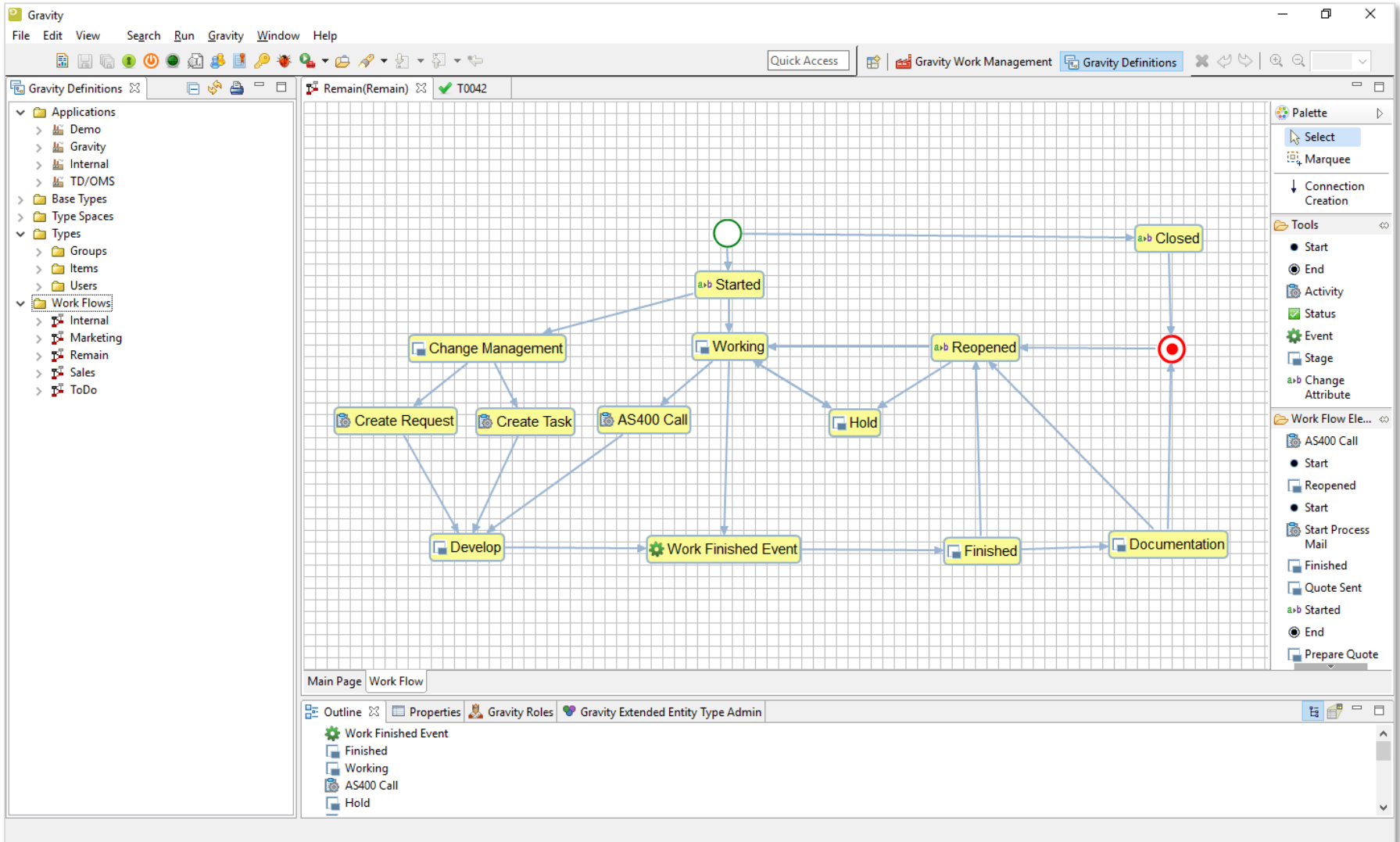
- Remain Software
  - TD/OMS
  - Gravity
- Fresche (Databorough)
  - X-Analysis
- IBM
  - RDi
  - RTC
  - Lotus Notes
  - Etc ..

# Plugins - The Eclipse Plugin Model





# Gravity





# RDi

The screenshot displays the IBM Rational Developer for i interface. The main window is titled "Remote System Explorer - RemoteSystemsTempFiles/172.17.2.177/QSYS.LIB/V100KEPSRC.LIB/QDDSSRC.FILE/OMA001D.DSPF - IBM Rational Developer for i".

The interface is divided into several panes:

- Remote System Explorer (Left):** Shows a tree view of the remote system structure, including connections to 172.17.2.170, 172.17.2.171, and 172.17.2.177. Under the 172.17.2.177 connection, the "Objects" folder is expanded to show a list of DSPF files, including OMA001D.dspf.
- Design page screen controls (Top Center):** Contains a "Design records" section with a list of records: OMA00102, OMA00103, OMA00104, and MSGSFL. A "Delete" button is visible next to the list.
- Terminal Window (Center):** Displays the content of the selected record (OMA00102). The terminal shows a header with "DD/MM/YY" and "HH:MM:SS" fields, followed by several lines of data, including "BBBB" and "BBBBBBBBB".
- Outline (Right):** Shows a hierarchical view of the project structure, including OMA001D.DSPF and its sub-records (OMA00101 through OMA00104, MSGSFL, and MSGCTL).
- Properties (Bottom Left):** A table with "Property" and "Value" columns, currently empty.
- Remote Scratchpad (Bottom Center):** Shows a list of objects, including "JSP" and "Elixir", with a sub-entry "writeMessage\_1".

The bottom status bar indicates "705M of 838M" of memory usage.

# Commercial plugins

- Pros
  - High Quality
  - Supported
- Cons
  - Licensed
  - Closed source



# Open Source plugins

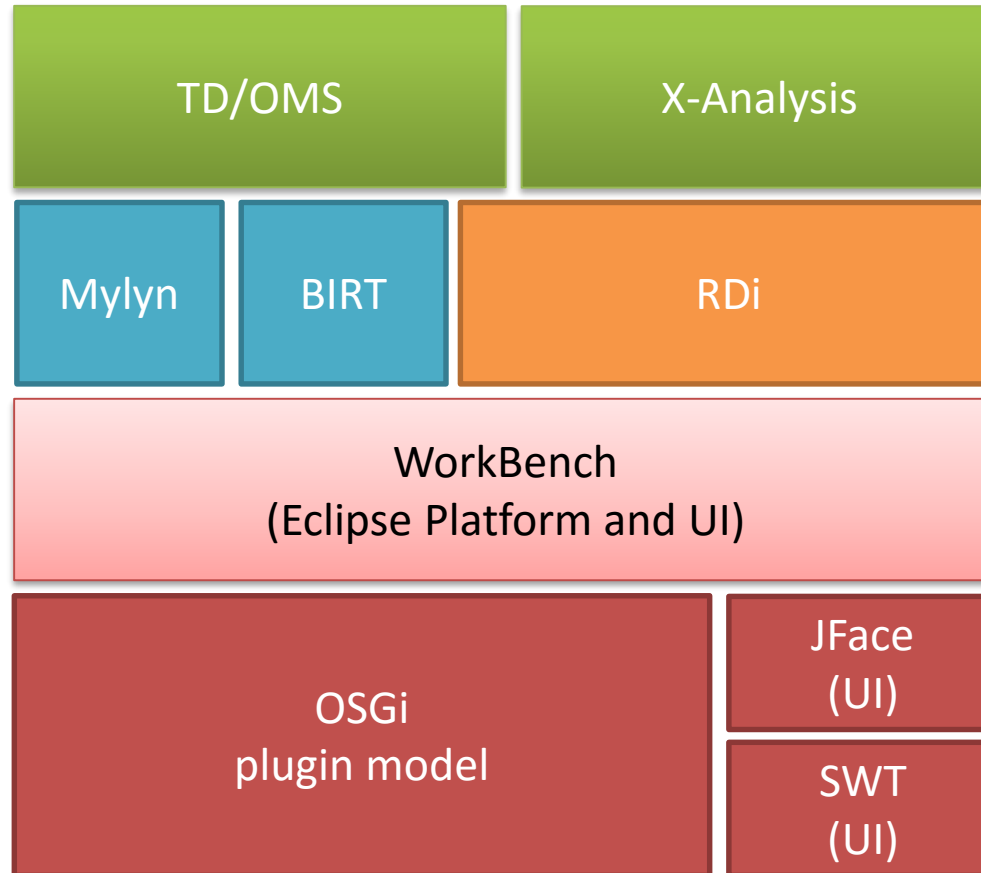
- iSphere for IBMi
  - Discussed by Geert
- Eclipse
  - Mylyn
  - BIRT
- Eclipse Marketplace
  - 1500+ plugins

# Open Source plugins

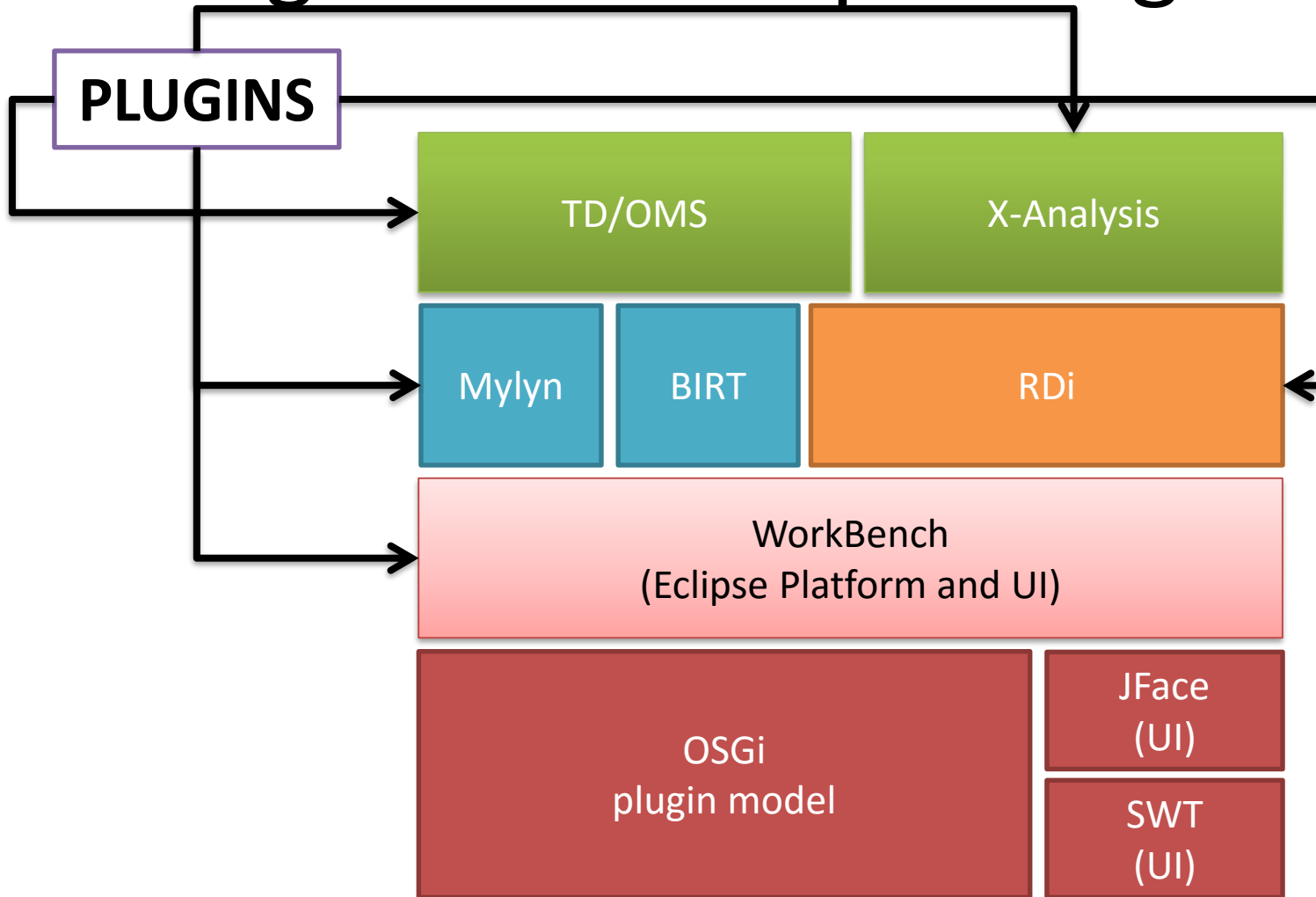
- Pros
  - Free
  - You can include them
  - You can change them
- Cons
  - Quality Assurance
  - Support



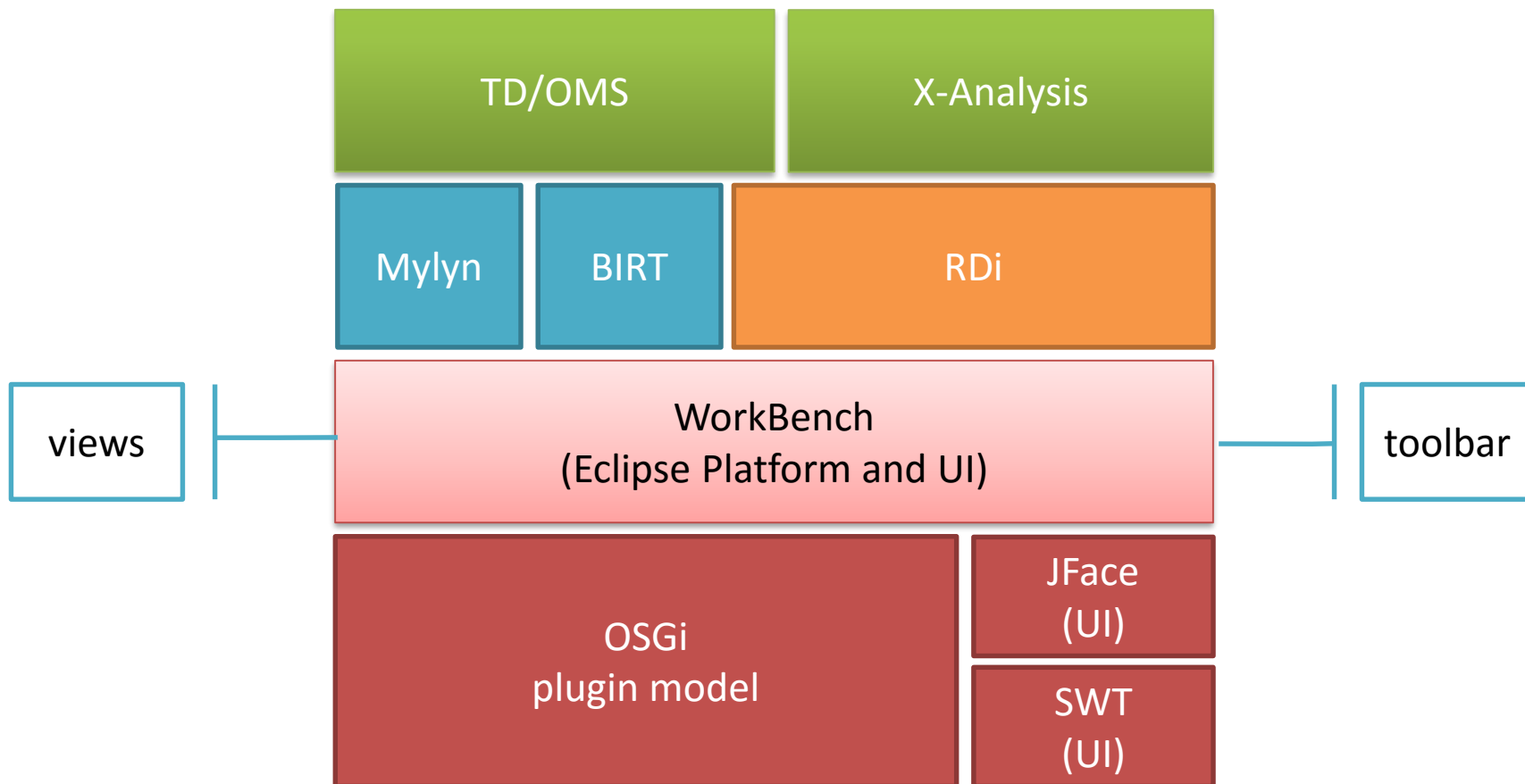
# Plugins - The Eclipse Plugin Model



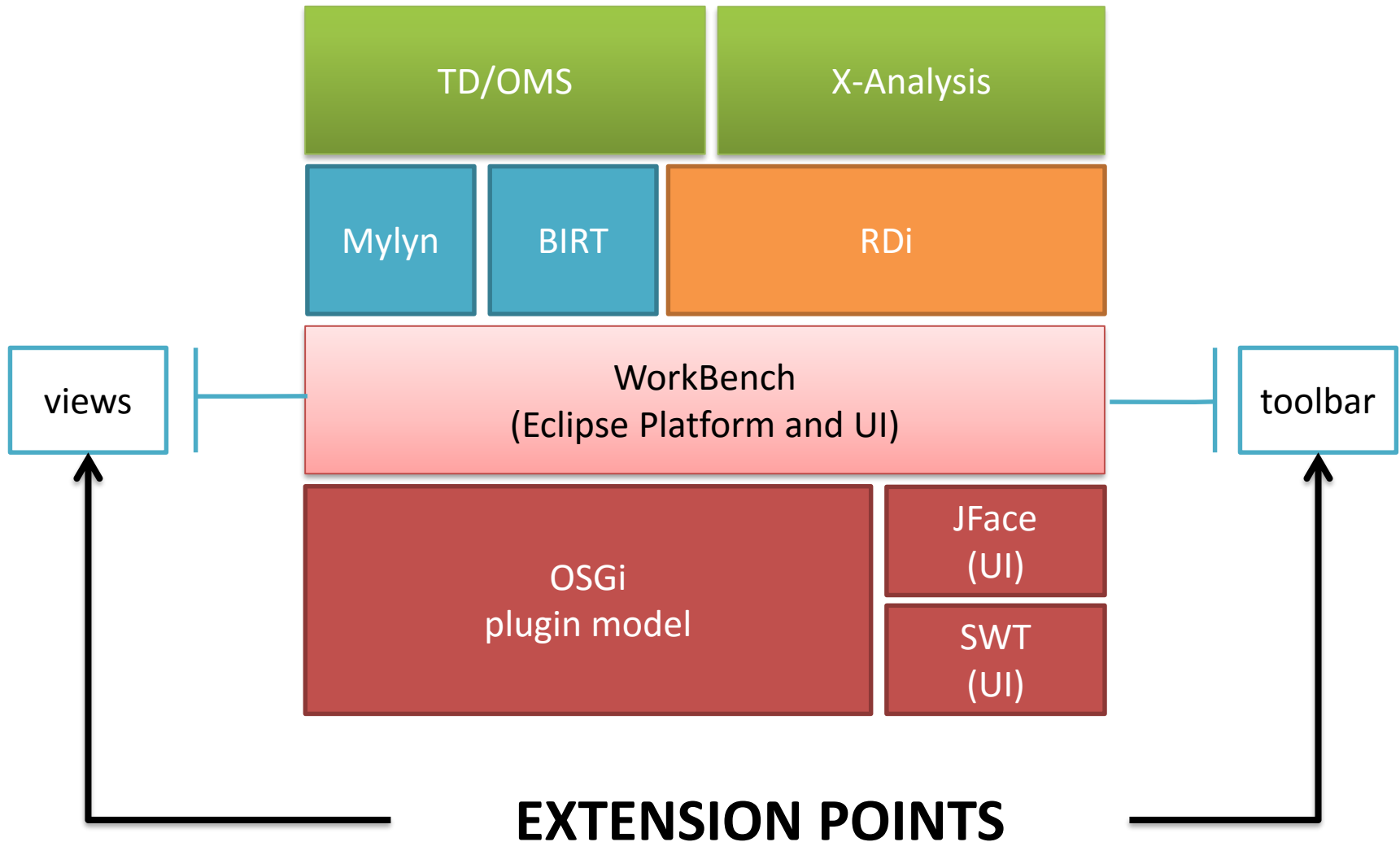
# Plugins - The Eclipse Plugin Model



# Plugins - The Eclipse Plugin Model

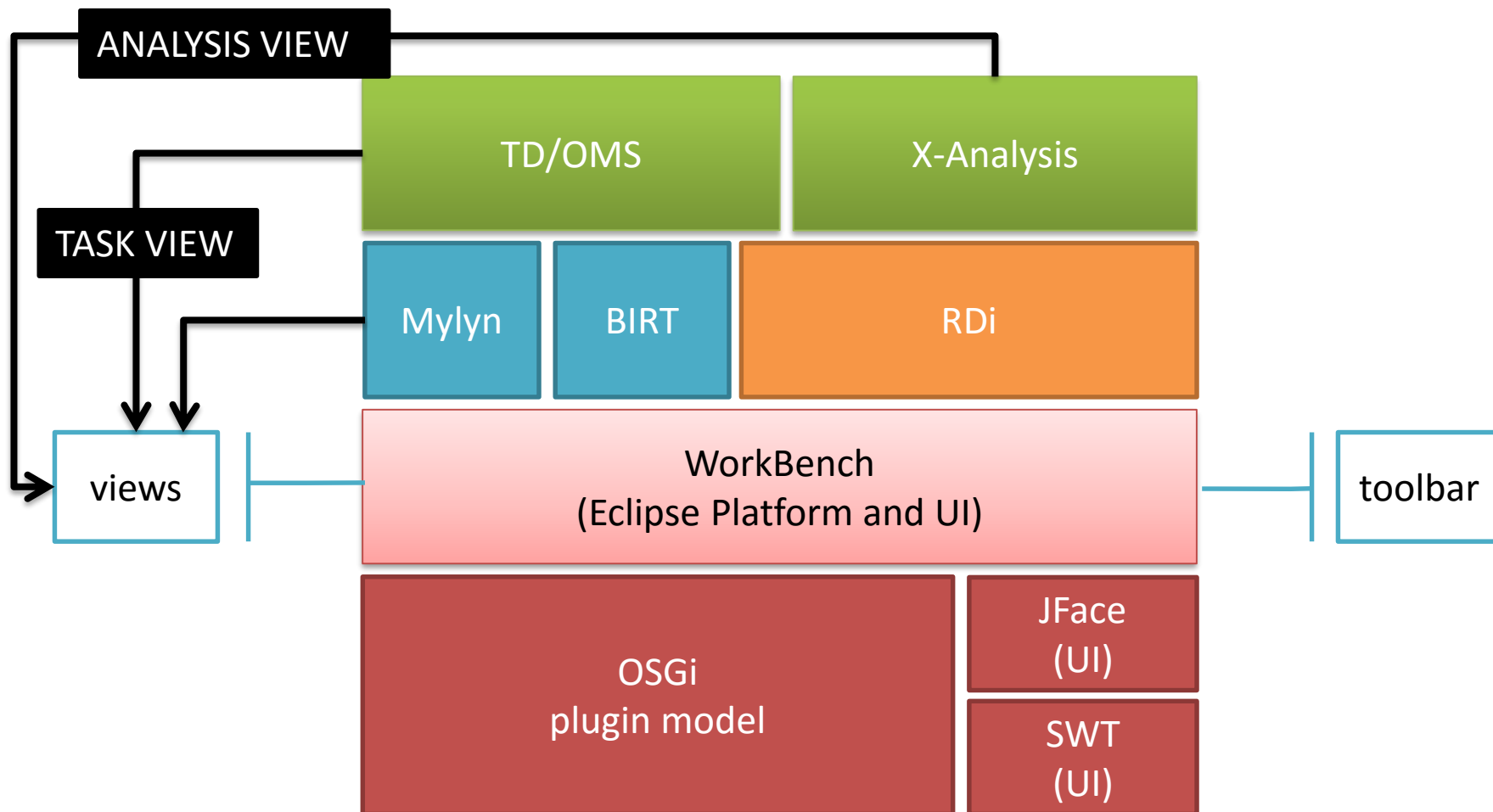


# Plugins - The Eclipse Plugin Model





# Plugins - The Eclipse Plugin Model



# DIY



# Thanks!

- <https://www.youtube.com/watch?v=8kY0t65ZJ00>
- Search Google for:
  - BIRT
  - MYLYN
  - ISPHERE
  - LARS VOGEL ECLIPSE TUTORIALS
  - REMAIN SOFTWARE
    - TD/OMS, Gravity and X-Analysis