BlueBerry Examples

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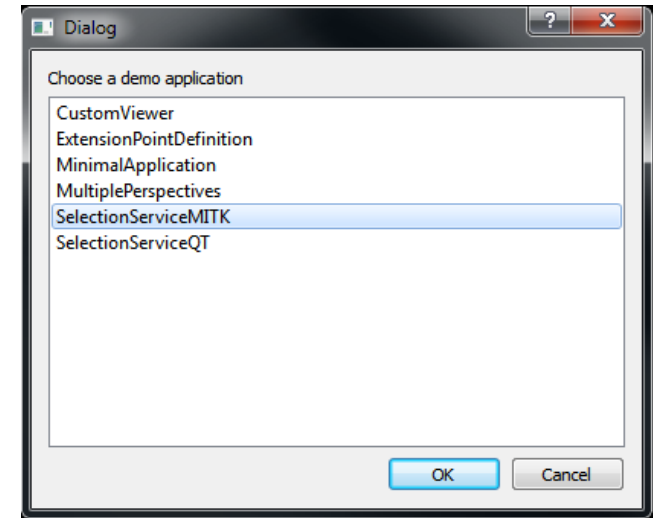# BlueBerry Examples

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Platform Project:

- Minimal Examples + BlueBerry Terms
- **Selection Service**
- **Extension Points**

- Where are the examples?
- Where is the documentation?

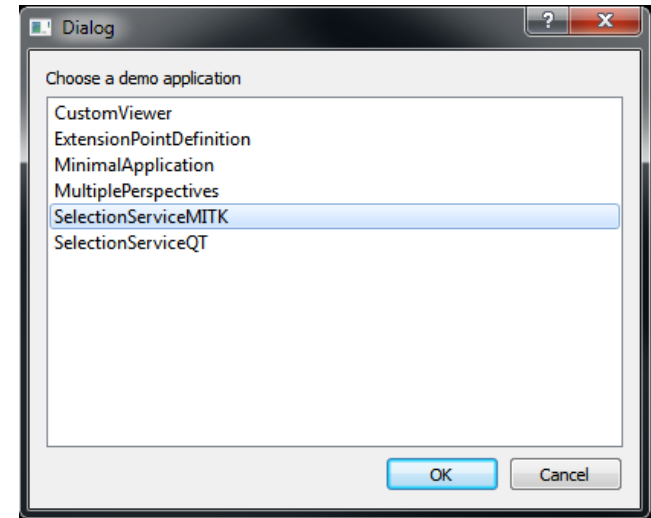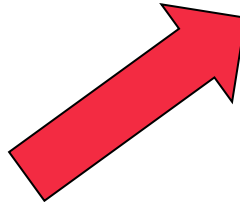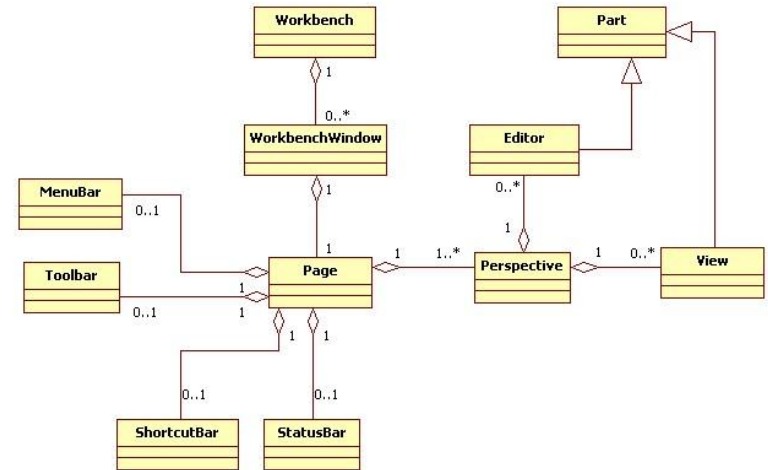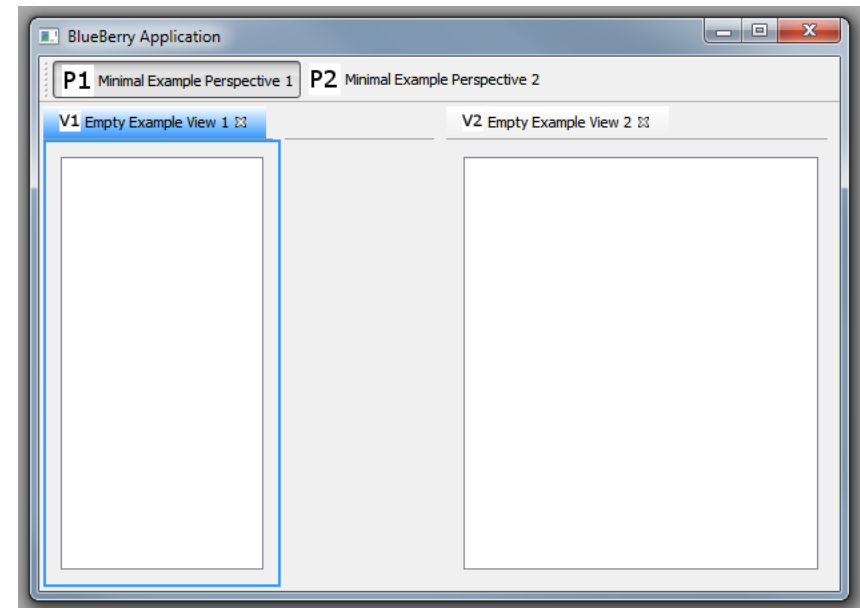# BlueBerry Examples

Platform Project:

- Minimal Examples + BlueBerry Terms
- **Selection Service**
- **Extension Points**

- Where are the examples?
- Where is the documentation?

- How do I start an example?
  - **AppFrameworkDemo**
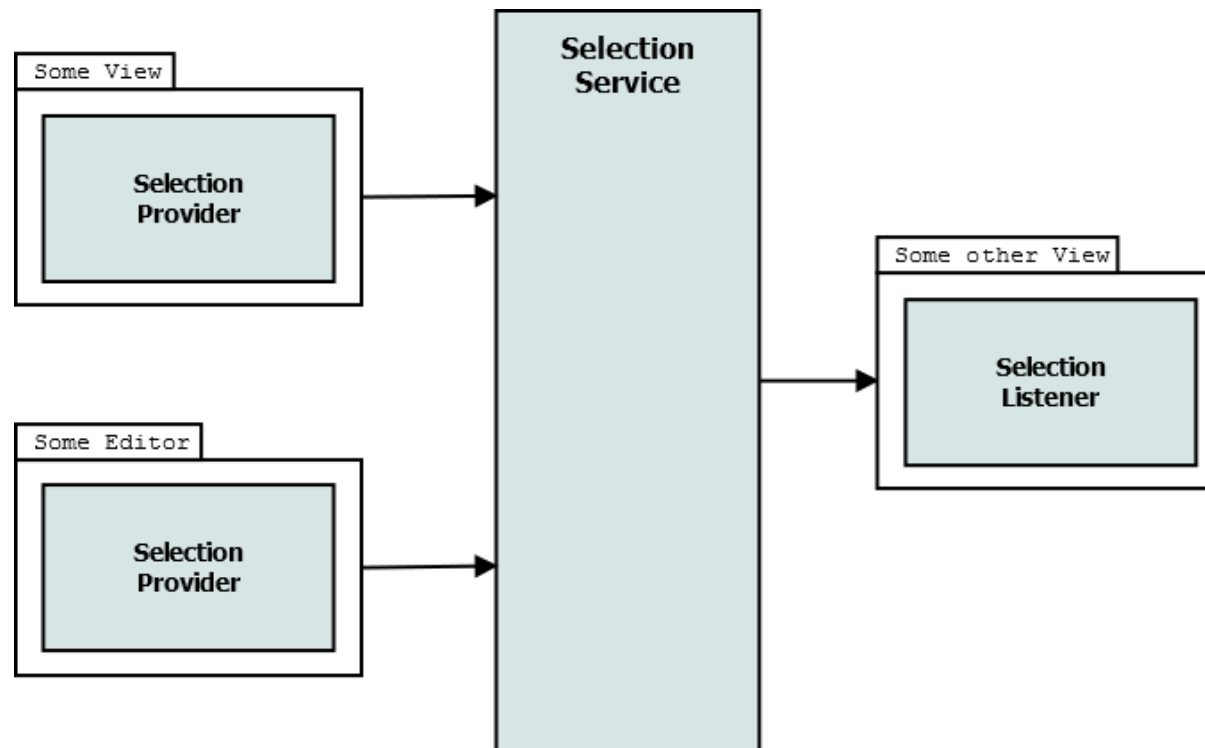
Minimal Examples

- Minimal Application Examples
- Explain the concept
- Explain the basic BlueBerry terms
  - Workbench, Window, Page
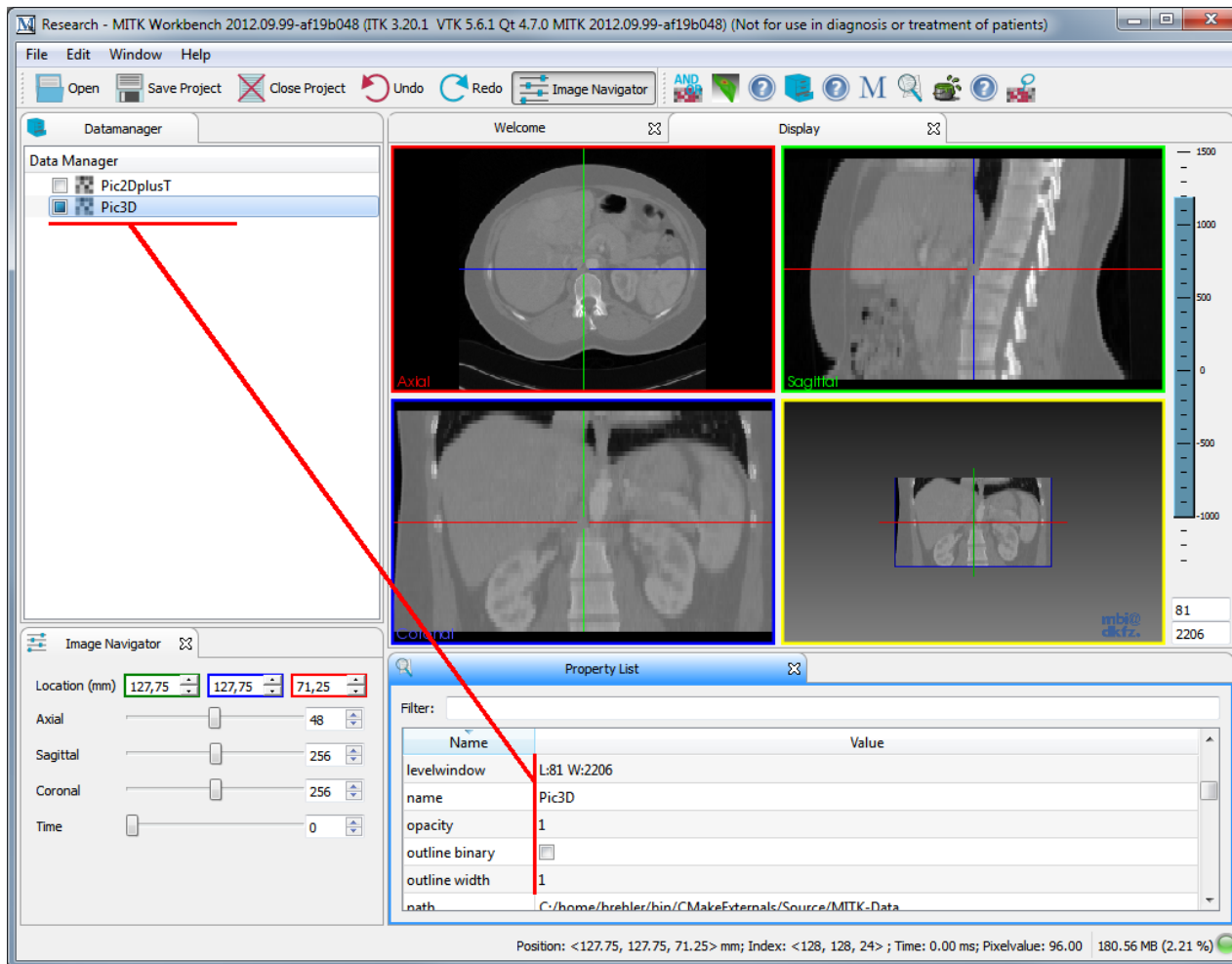 - Perspectives
  - Parts: Editor, View
  - …
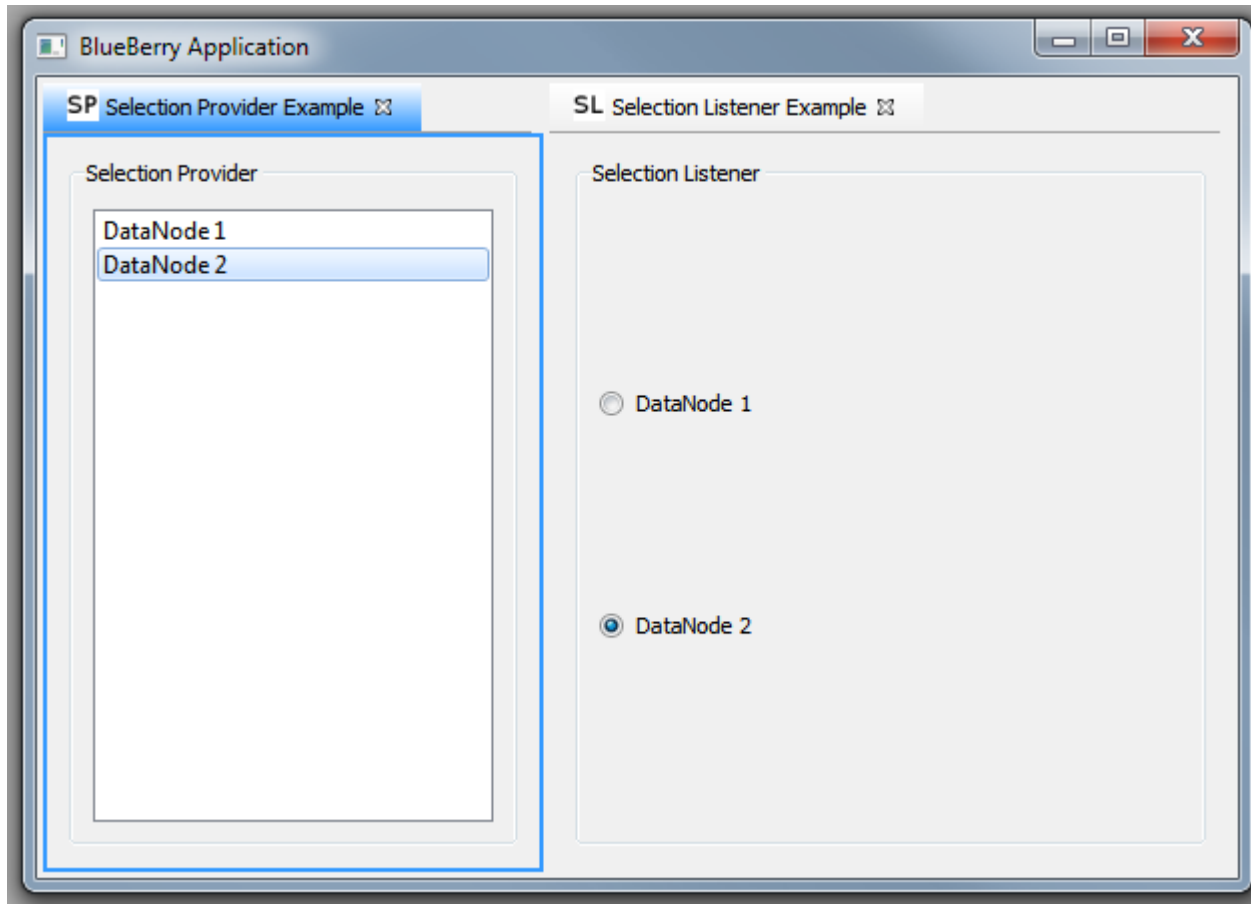
- MITK:
  View = Datamanger
  Editor = StdMultiWidget

- The **Selection Service** keeps track of the selection in the curretly active part

- *Selection Providers* are viewers like table or tree widgets
- *Selection Listeners* listen for selection changes

Selection Service MITK

- For example the "Properties" view in MITK

- Two documented examples:
    - Qt-based selection service
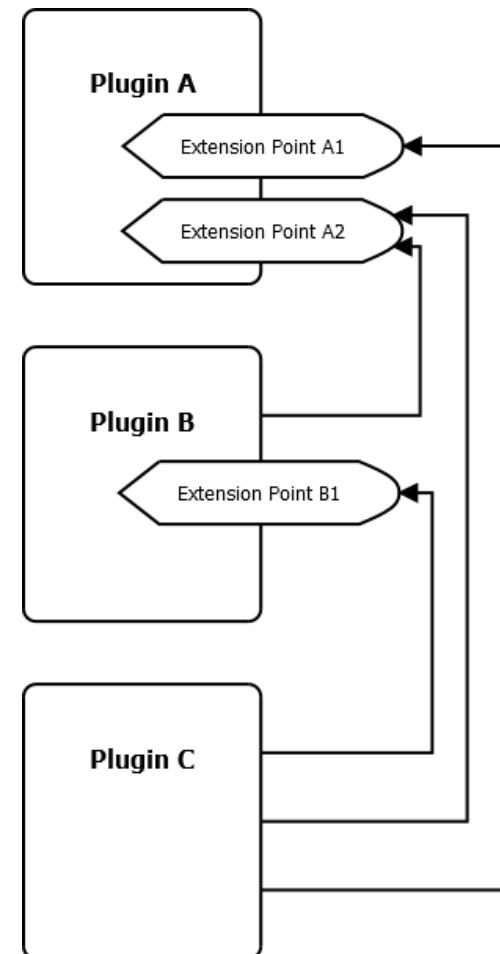   - MITK Data Node Selection

- BlueBerry provides *extension points* and *extensions* to allow functionality to be contributed to plug-ins by several other plug-ins.
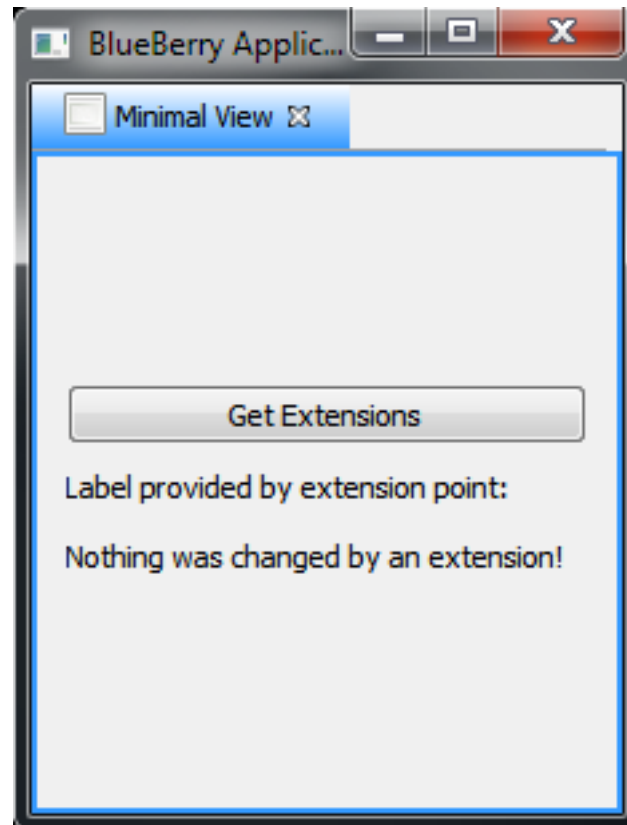
Extension Point:

- Plug-in allows other plug-ins to add functionality based on the contract defined by the *extension point*

Extension:

- Other plug-ins add a contribution (*extension*) to an existing extension point

Extension Point Example

- Simple example application

Extension Point Example

- Simple example application
- Changes the label text if an extension is collected by the registry