BlueBerry Examples

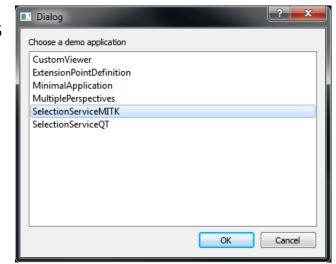
Michael Brehler





Platform Project:

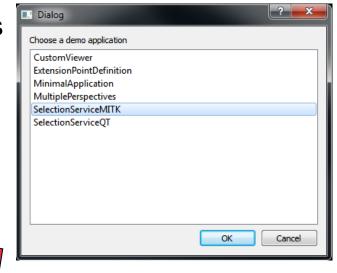
- Minimal Examples + BlueBerry Terms
- Selection Service
- Extension Points
- Where are the examples?
- Where is the documentation?





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



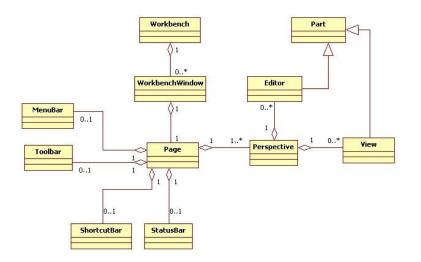


Minimal Examples



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

View = Datamanger Editor = StdMultiWidget

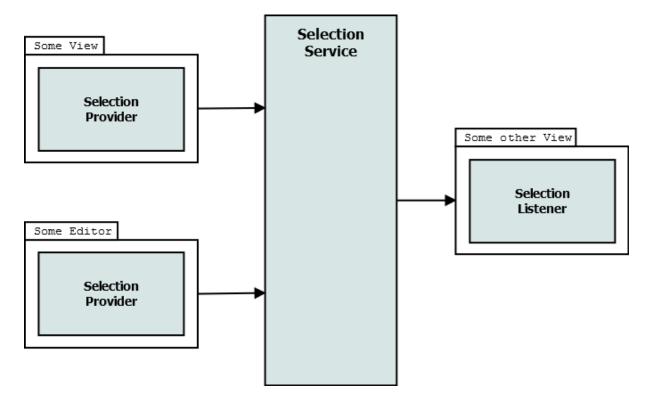


BlueBerry Application	
P1 Minimal Example Perspective 1 P2 Minimal Example Perspective 2	
V1 Empty Example View 1 🛙	V2 Empty Example View 2 ⊠



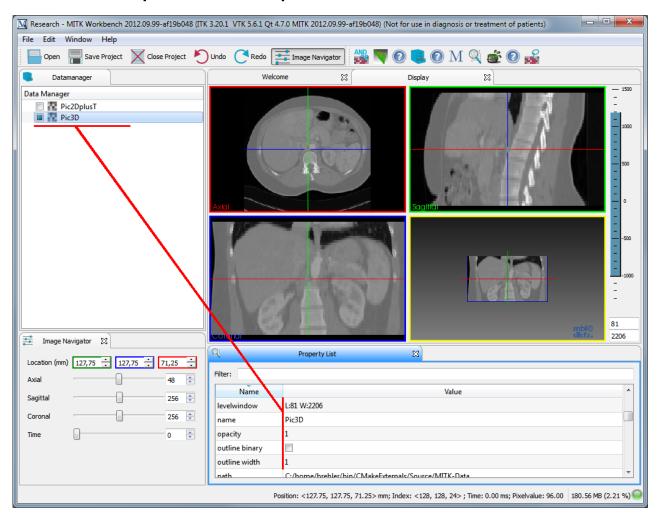


- The Selection Service keeps track of the selection in the curretly active part
- Selection Providers are viewers like table or tree widgets
- Selection Listeners listen for selection changes





• For example the "Properties" view in MITK







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

BlueBerry Application	
SP Selection Provider Example 🛛	SL Selection Listener Example 🛛
Selection Provider	Selection Listener
DataNode 1	
DataNode 2	
	🔘 DataNode 1
	OataNode 2





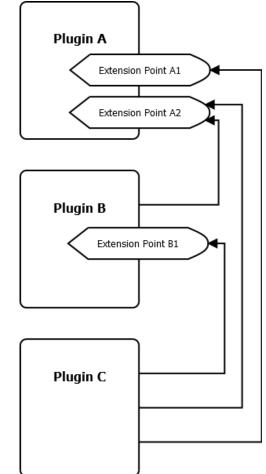
 BlueBerry provides extension points and extensions to allow functionality to be contributed to plug-ins by several other plug-ins.

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







• Simple example application

🔜 BlueBerry Applic 💻 💷 💻 🎫	
☐ Minimal View ⊠	
Get Extensions	
Label provided by extension point:	
Nothing was changed by an extension!	





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

🔜 BlueBerry Applic 💻 💷 💻 🏹	
Minimal View 🛙	
Get Extensions	
Label provided by extension point:	
Extension Found: Hello MBI!	