

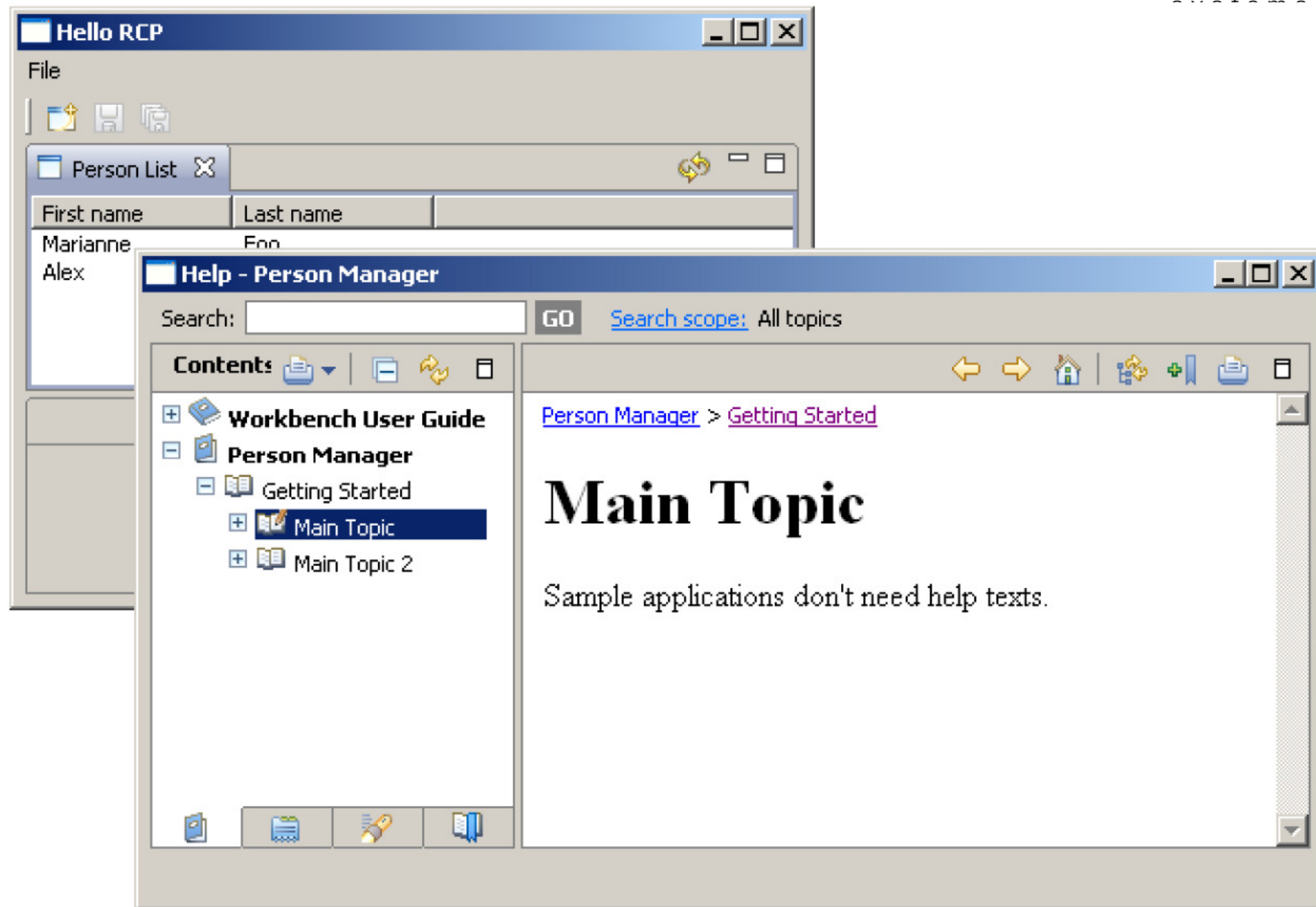
## Eclipse RCP Part XII

Automotive Financial Services Insurance Life Science & Healthcare Public Sector  
Telecommunications & Media Travel & Logistics Utilities Automotive Financial  
Services Insurance Life Science & Healthcare Public Sector Telecommunications  
& Media Travel & Logistics Utilities Automotive Financial Services Insurance  
Life Science & Healthcare Public Sector Telecommunications & Media Travel  
& Logistics Utilities Automotive Financial Services Insurance Life Science  
Healthcare Public Sector Telecommunications & Media Travel & Logistics  
Utilities Automotive Financial Services Life Science & Healthcare Public  
Sector Telecommunications & Media Travel & Logistics Utilities Automotive  
Financial Services Insurance Life Science & Healthcare Public Sector  
Telecommunications & Media Travel & Logistics Utilities Automotive  
Financial Services Insurance Life Science & Healthcare Telecommunications  
& Media Travel & Logistics Utilities Automotive Financial Services Insurance  
Life Science & Healthcare Public Sector Telecommunications & Media Travel &  
Logistics Utilities Automotive Financial Services Insurance Life Science &  
Healthcare Public Sector Telecommunications & Media Travel & Logistics Utilities  
Automotive Financial Services Insurance Life Science & Healthcare Public Sector



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- Help is added in the form of help books
- Each help book appears in Eclipse's help system
- Each help book has a table of contents (TOC)
- TOCs files can be registered with the platform by contributing to `org.eclipse.help.toc` extension point:

```
<extension point="org.eclipse.help.toc">  
    <toc file="toc.xml" primary="true"/>  
</extension>
```

- The help content itself is defined in help topics
- A help topic can then be referenced in the table of contents
- Topic content is defined in HTML:

```
<?xml version="1.0" encoding="UTF-8"?>
<?NLS TYPE="org.eclipse.help.toc"?>
<toc label="My Application" topic="html/toc.html">
  <topic label="Getting Started,"
    href="html/gettingstarted.html">
    <topic label="Installing" href="html/installing.html"/>
  </topic>
</toc>
```

- In order to present this HTML-based help content to clients a web server is needed
- Two different help configurations are available
  - Local plug-ins based help (default)
  - Remote help server

- Local help support is not included in the core RCP
- The following plug-ins must be provided in order to enable local help (for 3.4):

✚ javax.servlet (0.0.0)	✚ org.eclipse.equinox.http.jetty (0.0.0)
✚ javax.servlet.jsp (0.0.0)	✚ org.eclipse.equinox.http.registry (0.0.0)
✚ org.apache.ant (0.0.0)	✚ org.eclipse.equinox.http.servlet (0.0.0)
✚ org.apache.commons.el (0.0.0)	✚ org.eclipse.equinox.jsp.jasper (0.0.0)
✚ org.apache.commons.logging (0.0.0)	✚ org.eclipse.equinox.jsp.jasper.registry (0.0.0)
✚ org.apache.jasper (0.0.0)	✚ org.eclipse.help.base (0.0.0)
✚ org.apache.lucene (0.0.0)	✚ org.eclipse.help.ui (0.0.0)
✚ org.apache.lucene.analysis (0.0.0)	✚ org.eclipse.help.webapp (0.0.0)
✚ org.eclipse.ant.core (0.0.0)	✚ org.eclipse.osgi.services (0.0.0)
✚ org.eclipse.core.runtime.compatibility (0.0.0)	✚ org.eclipse.ui.forms (0.0.0)
✚ org.eclipse.core.runtime.compatibility.registry (0.0.0)	✚ org.mortbay.jetty (0.0.0)
✚ org.eclipse.core.variables (0.0.0)	

org.eclipse.help.ui  
org.eclipse.help.webapp  
org.eclipse.equinox.http.jetty

- Context sensitive help can be defined for:
  - Actions
  - Menus
  - Controls
- It can be enabled programmatically or declaratively
  - Hint: it does not make sense to associate help with controls which are unable to receive the focus
- In order to enable context sensitive help you have to contribute to `org.eclipse.help.contexts`

```
<extension point="org.eclipse.help.contexts">  
    <contexts file="myContextHelp.xml" />  
</extension>
```

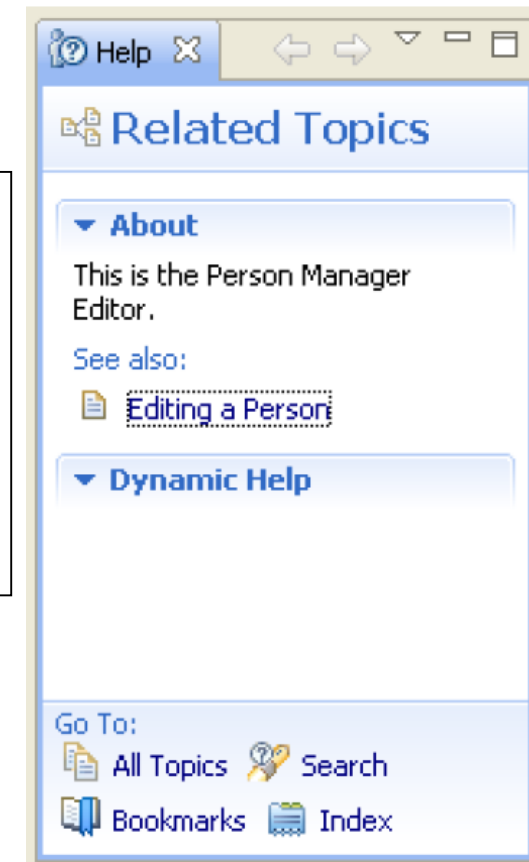
- This contribution points to an XML file in which context sensitive help is configured

```
<contexts>
  <context id="pm_editor" title="Person Editor">
    <description>This is the ...</description>
    <topic href="html/editingpersons.html"
      label="Editing a Person"/>
  </context>
</contexts>
```



- When creating the UI, the contextId for that UI has to be registered using a control.
- When F1 is pressed, the corresponding help topics are shown.

```
IWorkbenchHelpSystem helpSystem =  
    PlatformUI.getWorkbench()  
                .getHelpSystem();  
String contextId =  
    "net.eclipsetraining.pm.help  
    .pm_editor";  
helpSystem.setHelp(control, contextId );
```



- Active help enables you to call code from your help pages
- Include this javascript snippet in the help text that points to a plug-in and a class

```
<a href=' javascript:liveAction(  
    "net.eclipse.training.pm.help",  
    "net.eclipse.training.pm.help.
```

```
    ActiveHelpOpenDialogAction", "")' >
```

```
    Click here for a Message.
```

```
</a>
```

- The class `ActiveHelpOpenDialogAction` must implement `org.eclipse.help.ILiveHelpAction` and synchronize with the UI Thread.

- Find all help plug-ins in your Eclipse installation
- Add a help book to your application
- Implement context sensitive help
- Search for the Active Help documentation and implement it

**Vielen Dank für Ihre Aufmerksamkeit**



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