



Lotus Expeditor 6.1 Education

IBM® Lotus® Expeditor 6.1 Client for Desktop Personalities

Lotus software



@business on demand software

© 2006 IBM Corporation

This presentation explains the Personality support provided by IBM Lotus Expeditor 6.1 Client for Desktop.

Goals and agenda

- Understand the Personality support provided by IBM Lotus Expeditor 6.1 Client for Desktop
- Agenda:
 - ▶ Using Personalities
 - ▶ Creating Personalities
 - ▶ Personality widgets
 - ▶ Default Expeditor Personality
 - ▶ Branding
 - ▶ Summary

The goal of this presentation is to understand the Personality support provided by IBM Lotus Expeditor 6.1 Client for Desktop.

Section

Personalities

Now, let's review the details of personalities.

Using personalities

- The personality of an application defines the framework the platform uses to determine what perspectives or windows, menus, action bar items and status line controls are displayed when the application starts.
- It can also determine what services are available, an event sequence, or what life cycle should be applied to the objects associated with that application.

The personality of an application defines the framework the platform uses to determine what perspectives or windows, menus, action bar items and status line controls are displayed when the application starts. It can also determine what services are available, an event sequence, or what life cycle should be applied to the objects associated with that application.

The layout of the window that contains the views and folders included in your application is defined by a perspective, which is the Eclipse equivalent of a window. You set the desired perspective by specifying a personality for your application.

Using personalities

- A personality may be needed for one of two reasons:
 - ▶ Your application needs to provide a different UI than other applications running on that platform.
 - ▶ To have fine control over the application's startup sequence.
- A personality can be specified by two different methods:
 - ▶ Personalities can be activated by specifying the personality ID on the command line.
 - For example: `richclient -personality personality.id`.
 - ▶ Or by specifying it in the `plugin_customization.ini` file of your branding plug-in.
 - `key:com.ibm.rcp.personality.framework/DEFAULT_PERSONALITY_ID=com.ibm.myexample.personality`

A personality may be needed for one of two reasons. The first is that your application needs to provide a different UI than other applications running on that platform. The other is to have fine control over the application's startup sequence.

Personalities are activated by specifying the personality ID on the command line. For example: `richclient -personality personality.id`.

In addition, a default personality can be specified using the `plugin_customization.ini` file with the key specified on this slide

For detailed Javadoc information regarding personalities, refer to the [Javadoc](#). For detailed extension point schema information regarding personalities, refer to the [Extension points schemas](#).

Creating a personality

- Personalities are contributed to the platform using the `com.ibm.rcp.personalty.framework.personalities` extension point.
- Use the following procedure to create a personality:
 - ▶ Create an extension of the `org.eclipse.ui.application.WorkbenchWindowAdvisor` class.
 - Refer to the Eclipse documentation for lifecycle events.
 - ▶ Create a class that implements `com.ibm.rcp.personality.framework.IWorkbenchWindowAdvisorFactory`. The `create(IWorkbenchWindowConfigurer)` method should return an instance of your `WorkbenchWindowAdvisor` subclass created in the first step.
 - ▶ Add an extension to the `com.ibm.rcp.personality.framework.personalities` extension point, specifying your factory class created in the second step.
 - ▶ Launch Lotus Expeditor and specify the new personality by personality ID

Personalities are contributed to the platform using the `com.ibm.rcp.personalty.framework.personalities` extension point.

Use the following procedure to create a personality:

- Create an extension of the `org.eclipse.ui.application.WorkbenchWindowAdvisor` class. Refer to the Eclipse documentation for lifecycle events.
- Create a class that implements `com.ibm.rcp.personality.framework.IWorkbenchWindowAdvisorFactory`. The `create(IWorkbenchWindowConfigurer)` method should return an instance of your `WorkbenchWindowAdvisor` subclass created in the first step.
- Add an extension to the `com.ibm.rcp.personality.framework.personalities` extension point, specifying your factory class created in the second step.
- Launch Lotus Expeditor and specify the new personality by personality ID

Extension points

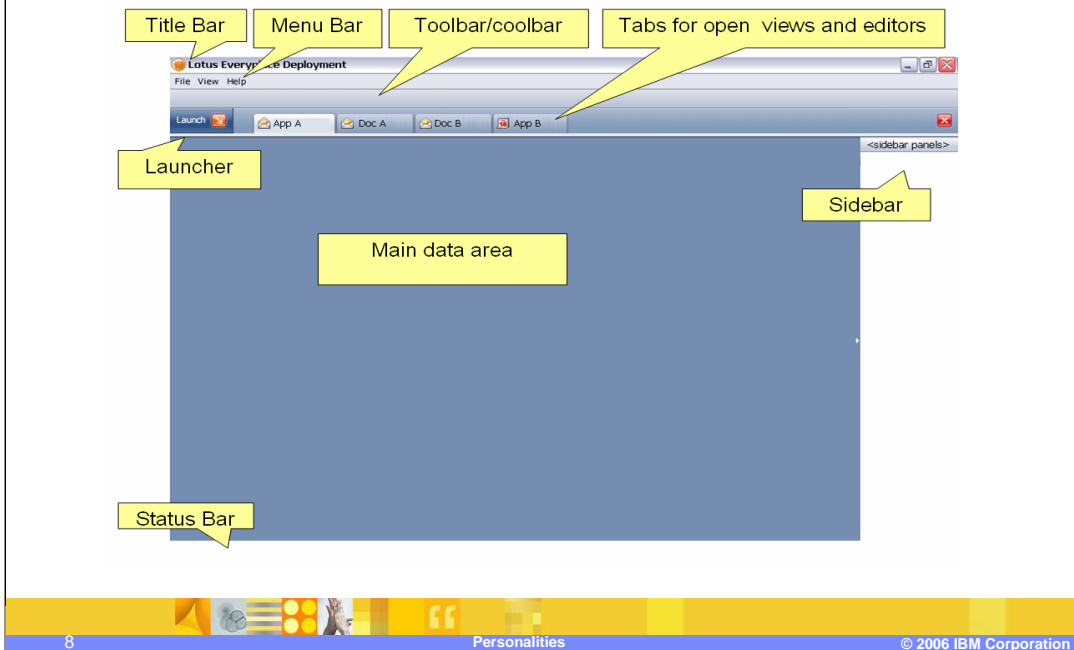
- The extension point `startBundles`
 - ▶ enables you to define a set of bundles that should be associated with a Personality.
- The following example associates the `org.eclipse.equinox.event` bundle to the Personality identified by the extension point `com.ibm.myexample.personality`.

```
<extension point="com.ibm.rcp.lifecycle.personality.startBundles">  
  <personality id="com.ibm.myexample.personality">  
    <bundle id="org.eclipse.equinox.event"/>  
  </personality>  
</extension>
```

The extension point `startBundles` enables you to define a set of bundles that should be associated with a Personality.

The example shown on this slide would associate the `org.eclipse.equinox.event` bundle to the Personality identified by the extension point `com.ibm.myexample.personality`.

Available personality widgets

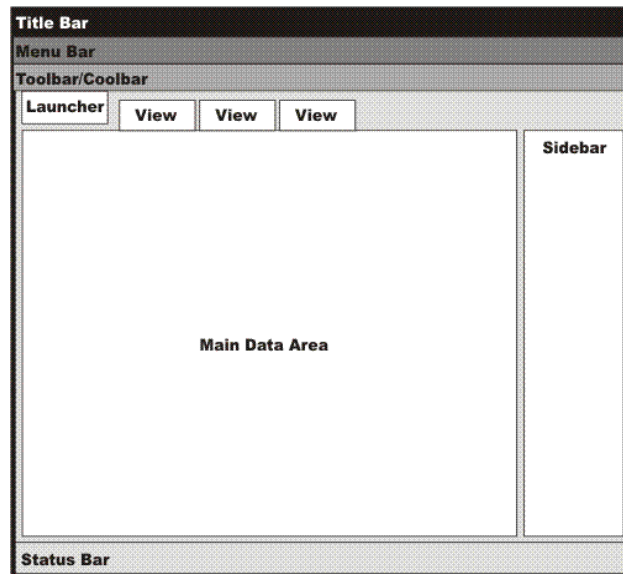


This screen shot of a Lotus Expeditor Client illustrates the organization of the user interface provided by the client platform. The following parts of the user interface are displayed by default: Title bar, Menu bar, Status bar.

The main data area contains only a default image when the client platform starts. Once applications have been opened, then the views associated with the application will be displayed.

User interface organization

- Title Bar
 - ▶ Displays program title and icon
- Menu Bar
 - ▶ Contains set of actions provided by either default Workbench or by other applications
- Banner Bar
 - ▶ Optionally display a graphic and application name
- Launcher
 - ▶ Lists running applications, each as an icon, from which users select applications
- Data Area
 - ▶ Primary data area, contains the perspectives and views for an application
- Sidebar
 - ▶ The sidebar is a view that displays vertically at the side of the workbench window
- Coolbar / Toolbar
 - ▶ Optionally displays icons for available actions
- Status Bar
 - ▶ Used by an application to display its status

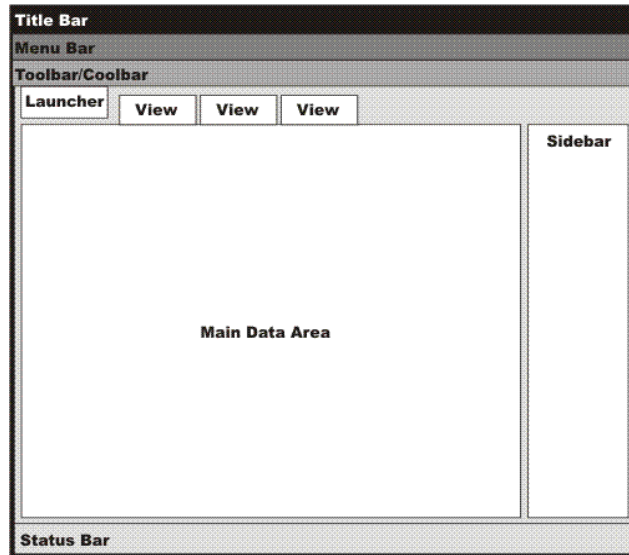


This figure illustrates the organization of the user interface provided by the client platform. The following parts of the user interface are displayed by default: Title bar, Menu bar, Status bar.

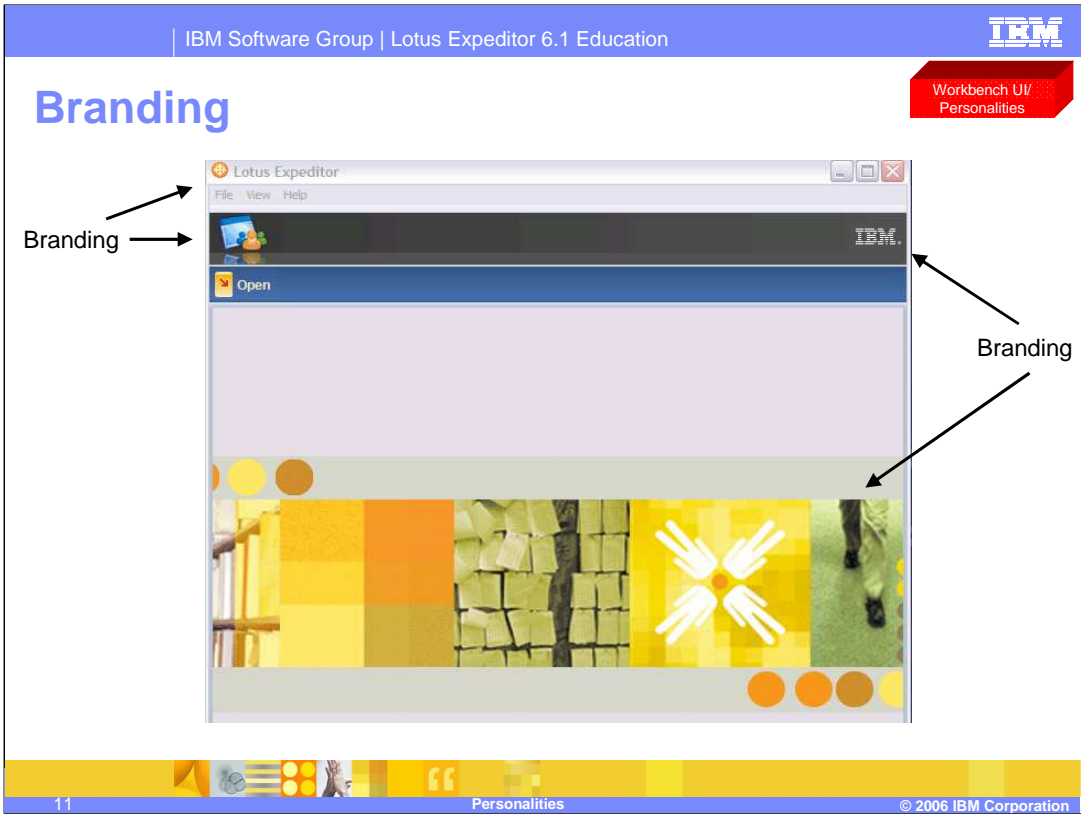
The main data area contains only a default image when the client platform starts. Once applications have been opened, then the views associated with the application will be displayed.

Branding

- Title Bar
 - ▶ Product image icon
- Banner Bar
- Toolbar/Coolbar
 - ▶ Visibility
 - ▶ Background color
 - ▶ Images
 - ▶ Application Title (font, position, color, text)
- Launcher
- Coolbar
 - ▶ Visibility
- Status Line
 - ▶ Visibility
- Data Area
 - ▶ Background Image
- Splash Screen
- About Dialog



You can modify the user interface of the client workbench to include your own branding. You can modify such elements as the title bar, splash screen, icons and images, and the About dialog. This slide shows the user interface elements that you can modify when specifying platform branding.



This screen shot of the Expeditor Client shows what areas can be branded.

Personalities - Summary

- Personalities
 - ▶ A personality may be needed for one of two reasons. The first is that your application needs to provide a different UI than other applications running on that platform. The other is to have fine control over the application's startup sequence.
- API
 - ▶ `com.ibm.rcp.personality.framework` – the plug-in contains the API
- Extension Points
 - ▶ `com.ibm.rcp.personality.framework.personalities` – specifies the personality to use
 - ▶ `com.ibm.rcp.personality.framework.personalityExtensions` - used to associate contributions with a personality.
 - `ControlSet`: a control set to display in windows controlled by this personality
 - `Startup`: a class to load and run after the window for a personality has loaded
 - ▶ `com.ibm.rcp.personality.framework.PersonalityStartup` - Mirror of the standard `org.eclipse.ui.Startup` extension point.
- Target feature:
 - ▶ Personality framework
- Reference:
 - ▶ Developer's Guide: Using Personalities

In summary a Personality may be needed for one of two reasons. The first is that your application needs to provide a different UI than other applications running on the platform. The other is to have fine control over the application's startup sequence.

Personalities can be defined using the provided extension point. See the Developer's Guide for more information on creating and using Personalities in the Expeditor Client for Desktop platform.

Trademarks, copyrights, and disclaimers

The following terms are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both:

IBM Lotus

Product data has been reviewed for accuracy as of the date of initial publication. Product data is subject to change without notice. This document could include technical inaccuracies or typographical errors. IBM may make improvements or changes in the products or programs described herein at any time without notice. Any statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only. References in this document to IBM products, programs, or services does not imply that IBM intends to make such products, programs or services available in all countries in which IBM operates or does business. Any reference to an IBM Program Product in this document is not intended to state or imply that only that program product may be used. Any functionally equivalent program, that does not infringe IBM's intellectual property rights, may be used instead.

Information is provided "AS IS" without warranty of any kind. THE INFORMATION PROVIDED IN THIS DOCUMENT IS DISTRIBUTED "AS IS" WITHOUT ANY WARRANTY, EITHER EXPRESS OR IMPLIED. IBM EXPRESSLY DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT. IBM shall have no responsibility to update this information. IBM products are warranted, if at all, according to the terms and conditions of the agreements (for example, IBM Customer Agreement, Statement of Limited Warranty, International Program License Agreement, etc.) under which they are provided. Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products in connection with this publication and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products.

IBM makes no representations or warranties, express or implied, regarding non-IBM products and services.

The provision of the information contained herein is not intended to, and does not, grant any right or license under any IBM patents or copyrights. Inquiries regarding patent or copyright licenses should be made, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

Performance is based on measurements and projections using standard IBM benchmarks in a controlled environment. All customer examples described are presented as illustrations of how those customers have used IBM products and the results they may have achieved. The actual throughput or performance that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput or performance improvements equivalent to the ratios stated here.

© Copyright International Business Machines Corporation 2006. All rights reserved.

Note to U.S. Government Users - Documentation related to restricted rights-Use, duplication or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract and IBM Corp.



This concludes the presentation