



Lotus Expeditor 6.1 Education

IBM® Lotus® Expeditor 6.1 Client for Desktop Migration

Lotus software



@business on demand software

© 2006 IBM Corporation

This presentation explains the Migration requirements for the IBM Lotus Expeditor 6.1 Client for Desktop.

Goals

- Understand the migration support provided by IBM Lotus Expeditor 6.1 Client for Desktop

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

Agenda

- Migration from WebSphere® Everyplace® Deployment 6.0 - install
- Compatibility plug-ins provided
- Summary

The agenda of this presentation is to explain the migration support in the Expeditor Desktop Client.

Section

Migration

Now, let's review the details of migration.

Migrating from WebSphere Everyplace Deployment 6.0

- The Lotus Expeditor 6.1 Client for Desktop is the follow on release to WebSphere Everyplace Deployment for Windows® and Linux®, version 6.0
- Expeditor Client 6.1 can coexist with WebSphere Everyplace Deployment 6.0
 - ▶ For coexistence, install into a different directory.
- During the installation of Expeditor Client 6.1, user settings and applications can be migrated from WebSphere Everyplace Deployment Version 6.0 but will be stored in a new and separate location.
- **Note:** Device Manager server settings are not migrated from WebSphere Everyplace Deployment Version 6.0.

The Lotus Expeditor 6.1 Client for Desktop is the follow on release to WebSphere Everyplace Deployment for Windows and Linux, version 6.0. Expeditor Client 6.1 can coexist with WebSphere Everyplace Deployment 6.0, for coexistence, install into a different directory.

During the installation of Expeditor Client 6.1, user settings and applications can be migrated from WebSphere Everyplace Deployment Version 6.0 but will be stored in a new and separate location.

Note: Device Manager server settings are not migrated from WebSphere Everyplace Deployment Version 6.0.

Migrating from WebSphere Everyplace Deployment 6.0

- Installing Expeditor over previously installed WebSphere Everyplace Deployment 6.0
- If you have WebSphere Everyplace Deployment 6.0 previously installed, you must not install Expeditor into the same directory into which WebSphere Everyplace Deployment 6.0 is installed.
- If you do install Expeditor in the same directory as WebSphere Everyplace Deployment 6.0, the installation will appear to succeed, but it will result in an invalid configuration for both WebSphere Everyplace Deployment 6.0 and Expeditor.

If you have WebSphere Everyplace Deployment 6.0 previously installed, you must not install Expeditor into the same directory into which WebSphere Everyplace Deployment 6.0 is installed. If you do install Expeditor in the same directory as WebSphere Everyplace Deployment 6.0, the installation will appear to succeed, but it will result in an invalid configuration for both WebSphere Everyplace Deployment 6.0 and Expeditor.

Migrating during installation

- If the Expeditor Client 6.1 installation program finds an installation of WebSphere Everyplace Deployment Version 6.0 on the system, then the installation program presents migration panels during the Expeditor Client installation process.
- The panels show where the WebSphere Everyplace Deployment Version 6.0 installation was found and asks you if you want to migrate data to Expeditor Client 6.1.
- **Note:** The Expeditor Client installation program will not allow you to migrate WebSphere Everyplace Deployment 6.0 data if you installed WebSphere Everyplace Deployment 6.0 as a system management service.
- If you are migrating during a silent installation, you must specify the following options, either in the options file, or from the command line `-V doMigrate=<value>`

If the Expeditor Client 6.1 installation program finds an installation of WebSphere Everyplace Deployment Version 6.0 on the system, then the installation program presents migration panels during the Expeditor Client installation process.

The panels show where the WebSphere Everyplace Deployment Version 6.0 installation was found and asks you if you want to migrate data to Expeditor Client 6.1.

Note: The Expeditor Client installation program will not allow you to migrate WebSphere Everyplace Deployment Version 6.0 data if you installed WebSphere Everyplace Deployment Version 6.0 as a system management service.

If you are migrating during a silent installation, you must specify the following options, either in the options file, or from the command line: `-V doMigrate=<value>`

Migrating component logic

- Many capabilities provided by WebSphere Everyplace Deployment 6.0 have been updated in this version of the client platform.
- Compatibility plug-ins have been provided to ease migration to the current client platform.
- If you had plug-in requirements on `com.ibm.eswe.workbench` or `com.ibm.icu.icu4j`, you should make the following changes in order to improve future compatibility and migration.

Many capabilities provided by WebSphere Everyplace Deployment 6.0 have been updated in this version of the client platform.

Compatibility plug-ins have been provided to ease migration to the current client platform.

If you had plug-in requirements on `com.ibm.eswe.workbench` or `com.ibm.icu.icu4j`, you should make the changes listed on the next few slides in order to improve future compatibility and migration.

Metatype service changes

- WCTME EO 5.8.1 and WebSphere Everyplace Deployment 6.0 contained the OSGi Metatype Provider service implementation.
- OSGi Release 3 did not define a service that enabled access to this provider.
 - ▶ IBM provided its own service implementation to access the Metatype Provider implementation.
 - ▶ It was registered as `com.ibm.osg.service.metatype.MetaTypeService`, and implemented the service interface `com.ibm.osg.service.metatype.MetaTypeService`.
 - ▶ This package was provided by the `com.ibm.osg.service.metatype` plug-in.
- OSGi Release 4 updated the definition of the Metatype Service to include a new service implementation.
 - ▶ This new service implementation is included in plug-in `org.eclipse.equinox.metatype`.
 - ▶ The IBM proprietary instance of the service has been removed.
- *Corrective Action:*
 - ▶ Change references from `com.ibm.osg.service.metatype.MetaTypeService` to `org.osgi.service.metatype.MetaTypeService`.
 - ▶ Remove any package imports for `com.ibm.osg.service.metatype`, or any plug-in dependencies on `com.ibm.osg.service.metatype`.
 - ▶ The meta data XML schemas have been updated and any existing meta data XML files will need to be updated to conform to the new schema definitions.

WCTME EO 5.8.1 and WebSphere Everyplace Deployment 6.0 contained the OSGi Metatype Provider service implementation.

OSGi Release 3 did not define a service that enabled access to this provider.

- IBM provided its own service implementation to access the Metatype Provider implementation.
- It was registered as `com.ibm.osg.service.metatype.MetaTypeService`, and implemented the service interface `com.ibm.osg.service.metatype.MetaTypeService`.
- This package was provided by the `com.ibm.osg.service.metatype` plug-in.

OSGi Release 4 updated the definition of the Metatype Service to include a new service implementation.

- This new service implementation is included in plug-in `org.eclipse.equinox.metatype`.
- The IBM proprietary instance of the service has been removed.

Corrective Action:

- Change references from `com.ibm.osg.service.metatype.MetaTypeService` to `org.osgi.service.metatype.MetaTypeService`.
- Remove any package imports for `com.ibm.osg.service.metatype`, or any plug-in dependencies on `com.ibm.osg.service.metatype`.
- The meta data XML schemas have been updated and any existing meta data XML files will need to be updated to conform to the new schema definitions.

Changes to plug-in startup

- There have been significant changes to the framework that enables the startup of plug-ins. The following corrective actions may need to be performed for any application code:
 - ▶ The DB2® Everyplace (com.ibm.db2e), DB2 Everyplace ISync (com.ibm.mobileservices.isync), and Cloudscape™ (org.apache.derby.core) plug-ins no longer start automatically on platform startup.
 - ▶ These plug-ins now rely upon class access to autostart. Application code that creates an instance of the javax.sql.DataSource class for each of the database types will not be affected.
- Alternatively, you will need to use the lifecycle capabilities provided by the platform to start these bundles. Refer to Managing lifecycle for more information about adding plug-ins to the lifecycle.

There have been significant changes to the framework that enables the startup of plug-ins. The following corrective actions may need to be performed for any application code:

- The DB2 Everyplace (com.ibm.db2e), DB2 Everyplace ISync (com.ibm.mobileservices.isync), and Cloudscape (org.apache.derby.core) plug-ins no longer start automatically on platform startup.
- These plug-ins now rely upon class access to autostart. Application code that creates an instance of the javax.sql.DataSource class for each of the database types will not be affected.

Alternatively, you will need to use the lifecycle capabilities provided by the platform to start these bundles. Refer to Managing lifecycle for more information about adding plug-ins to the lifecycle.

In previous releases, plug-ins that did not contain the Eclipse-AutoStart attribute were automatically started by the platform.

- These bundles are now automatically started by the default com.ibm.rcp.platform.personality as legacy plug-ins.
- It is strongly suggested that any existing plug-ins be updated to include the Eclipse-LazyStart attribute, and plug-ins that will not activate due to class access requests be added to the lifecycle of the platform. Refer to Managing lifecycle for more information about adding plug-ins to the lifecycle.

Changes to plug-in startup

- In previous releases, plug-ins that did not contain the Eclipse-AutoStart attribute were automatically started by the platform.
 - ▶ These bundles are now automatically started by the default `com.ibm.rcp.platform.personality` as legacy plug-ins.
 - ▶ Any existing plug-ins should be updated to include the Eclipse-LazyStart attribute, and plug-ins that will not activate due to class access requests be added to the lifecycle of the platform. Refer to Managing lifecycle for more information about adding plug-ins to the lifecycle.

In previous releases, plug-ins that did not contain the Eclipse-AutoStart attribute were automatically started by the platform.

- These bundles are now automatically started by the default `com.ibm.rcp.platform.personality` as legacy plug-ins.
- Any existing plug-ins should be updated to include the Eclipse-LazyStart attribute, and plug-ins that will not activate due to class access requests be added to the lifecycle of the platform. Refer to Managing lifecycle for more information about adding plug-ins to the lifecycle.

Migrating OSGi services

- ConfigAdmin, Preferences, and UserAdmin store their data in a different format than in previous versions.
 - ▶ A migration tool provides a migration path for previous users of ConfigAdmin, Preferences, and UserAdmin to migrate their data to the new platform.
 - ▶ This migration occurs automatically at install time and will migrate all old data in the current workspace.
 - ▶ Note that data will only be migrated if the bundle containing the data has a unique bundle symbolic name.
 - ▶ Also, when ConfigAdmin data is migrated to the new ConfigurationAdmin service, the location property of any Configurations will be set to empty.
 - ▶ This allows for the new Configurations to be mapped to the correct bundle.

ConfigAdmin, Preferences, and UserAdmin store their data in a different format than in previous versions.

- A migration tool provides a migration path for previous users of ConfigAdmin, Preferences, and UserAdmin to migrate their data to the new platform.
- This migration occurs automatically at install time and will migrate all old data in the current workspace.
- Note that data will only be migrated if the bundle containing the data has a unique bundle symbolic name.
- Also, when ConfigAdmin data is migrated to the new ConfigurationAdmin service, the location property of any Configurations will be set to empty.
- This allows for the new Configurations to be mapped to the correct bundle.

Migration - Summary

- Migration from or coexistence with WebSphere Everyplace Deployment 6.0 is supported with Expeditor 6.1
- Additional information on Expeditor Toolkit migration of applications can be found in the Developer's Guide: "Migrating Applications"

In summary migration from or co-existence with WebSphere Everyplace Deployment 6.0 is supported by Expeditor 6.1. Additional information on Expeditor Toolkit migration of applications can be found in the Developer's Guide under "Migrating Applications".

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:

Cloudscape DB2 Everyplace IBM Lotus WebSphere

Windows and the Windows logo are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

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