



Lotus Expeditor 6.1 Education

IBM® Lotus® Expeditor 6.1 Client for Desktop Synchronization Manager

Lotus software



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This presentation explains Synchronization Manager support in IBM Lotus Expeditor 6.1 Client for Desktop.

Goals

- Understand the Synchronization Manager support provided in IBM Lotus Expeditor 6.1 Client for Desktop

The goal of this presentation is to understand the synchronization manager support provided in IBM Lotus Expeditor 6.1 Client for Desktop.

Agenda

- Synchronization Manager
- Synchronization UI and Preferences
- Serviceability

The agenda of this presentation is to explain the Synchronization Manager capabilities that the client platform provides to you, the infrastructure and plug-ins that enable these capabilities, and details about the Synchronization Manager and UI supported by IBM Lotus Expeditor 6.1 Client for Desktop.

Section

Synchronization Manager

Let's begin by describing more details about the Synchronization Manager.

Synchronization manager

Sync
Manager

- The SyncManager is a framework that provides a consistent interface to basic synchronization functionality (for example, start sync) for heterogeneous applications and services.
- Allows users and applications to initiate, control and monitor synchronization of local data stores using one or more synchronization services.
- Lotus Expeditor provides a synchronization service for composite application integration.

The SyncManager is a framework that provides a consistent interface to basic synchronization functionality (like start sync) for heterogeneous applications and services. It also enables synchronization application and service specific extensions.

The Sync Manager allows users and applications to initiate, control and monitor synchronization of local data stores using one or more synchronization services. Synchronization Manager integrates multiple synchronization services under the same framework.

Lotus Expeditor provides a synchronization service for composite application integration.

Synchronization manager

Sync
Manager

- Provides a public API
 - ▶ Build UIs
 - ▶ Provide access to SyncManager functionality
- Defines three extension points:
 - ▶ SyncService
 - ▶ TypeService
 - ▶ SchedulerService – define a scheduler
- By implementing extensions to the first two extension points, developers can have their own application specific entities appear in the Synchronization UI and participate in scheduled sync.
- By implementing an extension to the third extension point, developers can define their own scheduler.

The SyncManager defines three extension points: SyncService, TypeService, and SchedulerService.

By implementing extensions to the first two extension points, developers can have their own application specific entities appear in the Synchronization user interface and participate in scheduled sync. By implementing an extension to the third extension point, developers can define their own scheduler.

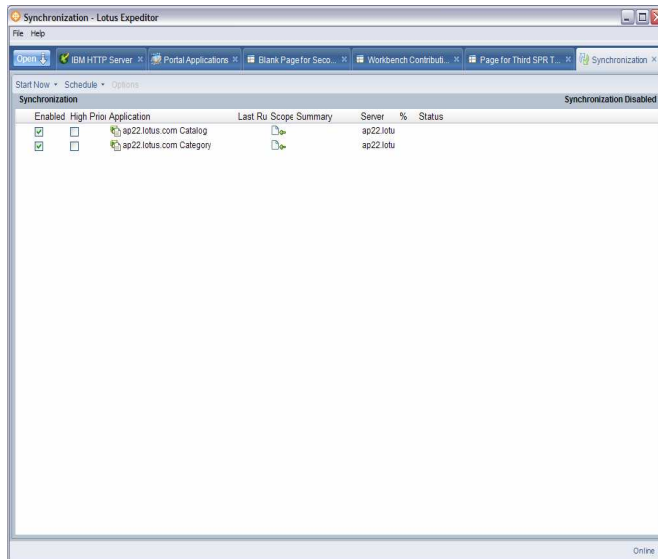
The SyncManager provides a public API that can be used to build user interfaces or provide access to SyncManager functionality with an application.

Section

Synchronization UI

Next, let's describe more details about the Synchronization user interface and preferences.

Synchronization UI

Sync
UISync
Manager

- The Synchronization page provides users the ability to quickly view all types of the synchronizable applications with their synchronization status
- Each synchronizable application is displayed in a row with its name, enabled/disabled, priority, last run time, scope, summary, server, and status.
- Offline Composite Applications are displayed on this page.
- This page also provides users the ability to start or stop synchronization, as well as a quick way to set synchronization schedules and change options.

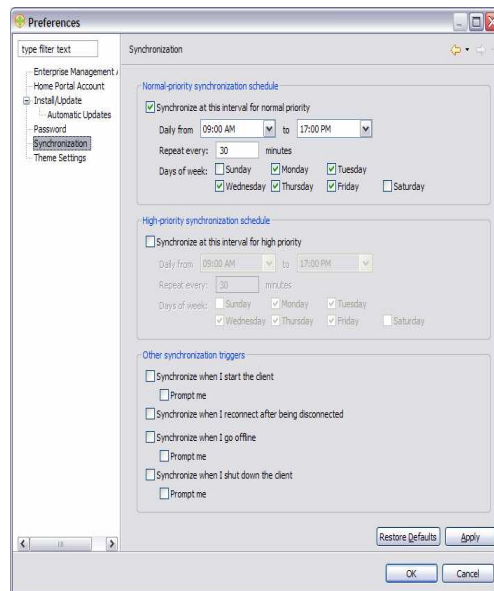
The Lotus Expeditor Synchronization user interface provides a synchronization page and a schedule page for viewing and managing all synchronization applications, as well as the menus for launching synchronization and changing options.

The Synchronization page provides users the ability to quickly view all types of the synchronizable applications with their synchronization status.

Each synchronizable application is displayed in a row with its name, enabled/disabled status, priority, last-run time, scope, summary, server, and status. Offline Composite Applications are displayed on this page.

This page also provides users the ability to start or stop synchronization, as well as a quick way to set synchronization schedules and change options.

Preferences – Synchronization

Sync
ManagerSync
UI

- The Synchronization schedules page is part of the Lotus Expeditor preferences dialog.
- It provides users the ability to set two sets of schedules, for either normal or high priority applications respectively.
- It also provides the synchronization triggers settings applied to all the synchronizable applications.

The Synchronization schedules page is part of the Lotus Expeditor preferences dialog. It provides users the ability to set two sets of schedules, for either normal or high priority applications, respectively. It also provides the synchronization triggers settings applied to all the synchronizable applications.

Open the platform preferences dialog and click **Synchronization** to configure the auto-synchronization schedules and triggers.

You can check and uncheck the following boxes separately to enable and disable the Normal-priority synchronization schedule and High-priority synchronization schedule:

- The **Synchronize when I start the client** trigger
- The **Synchronize when I reconnect after being disconnected** trigger
- The **Synchronize when I go offline** trigger
- The **Synchronize when I shutdown the client** trigger

Check **Prompt me** to have a confirmation dialog prompt to be displayed before the platform performs synchronization. You can also personalize the schedules by changing the times settings, repeat setting, and days of the week settings.

Section

Synchronization Summary

Let's conclude with a Synchronization summary.

Synchronization manager - Summary

Sync
Manager

- Allows users and applications to initiate, control and monitor synchronization of local data stores using one or more synchronization services.
- Synchronization Manager integrates multiple synchronization services under the same framework and provides APIs for creating an extensible common UI
- Provides extension points and APIs to create new Sync Services and Type Services as well as schedulers.
- Synchronization service is provided for composite application integration.
- API
 - ▶ com.ibm.rcp.sync.manager.*
 - ▶ com.ibm.rcp.sync.service.scheduler
 - ▶ com.ibm.rcp.sync.service.sync
 - ▶ com.ibm.rcp.sync.service.type
- Extension Points:
 - ▶ com.ibm.pvc.sync.SyncService
 - ▶ com.ibm.pvc.sync.TypeService
 - ▶ com.ibm.pvc.sync.SchedulerService
- Target: Synchronization Manager, Synchronization UI
- Reference: Developing Synchronization Applications

In summary the Sync Manager allows users and applications to initiate, control and monitor synchronization of local data stores using one or more synchronization services. Synchronization Manager integrates multiple synchronization services under the same framework.

The SyncManager provides a public API that can be used to build UIs or provide access to SyncManager functionality with an application.

A synchronization service is provided with the Expeditor desktop client for composite application integration.

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