Funambol BlackBerry Plug-in

User's Guide

Version 3.0
July 2006

Important Information

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Contents

Introduction 1

Prerequisites 1

Installation 2

Obtaining the Software 2

Installing the Software 2

Configuring the Plug-in 4

Known Issues 4

Uninstalling the Software 5

Using the Funambol BlackBerry Plug-in 6

Home Screen 6

Configuration Settings 7

About the Plug-in 9

Resources 10

Related Documentation 10

Other Resources 10

Introduction

The Funambol BlackBerry Plug-in provides synchronization functionality for BlackBerry mobile devices. After installing the software, you can synchronize PIM data and email messages on the device with that stored in enterprise data sources. This document describes how to install, configure, and use the software.

Prerequisites

The system requirements for using the Funambol BlackBerry Plug-in are as follows:

Desktop or Portable Computer Used to Install the Plug-in on a BlackBerry

- BlackBerry Desktop Manager. This software can be found on the BlackBerry CD that came with your device. It is also included in the BlackBerry Desktop Software that is available for download from the BlackBerry website.

For additional information on BlackBerry Desktop Software, see "Resources" on page 10.

Installation

The section provides details for obtaining, installing and configuring the software environment.

Obtaining the Software

The Funambol BlackBerry Plug-in software is available as follows:

Download Site: `www.funambol.com/opensource/downloads.html`

File: `funambol-blackberry-plugin-3.0.x.zip`

Size: 262 KB

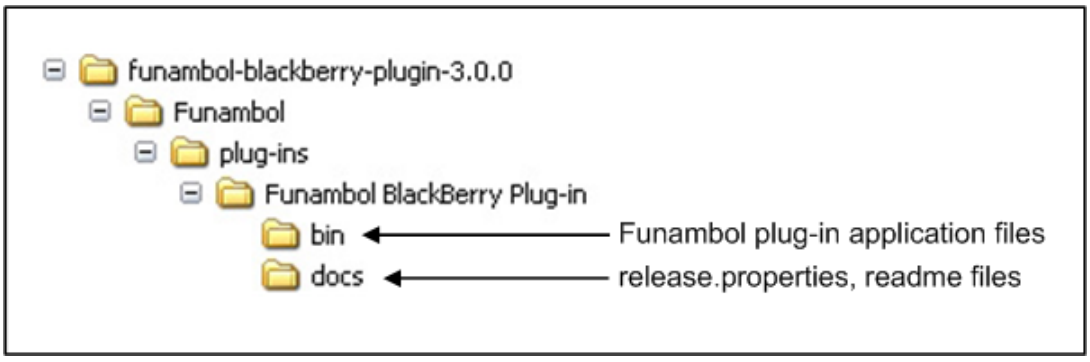
The file contains the following:

- Java bytecode file: `funambol-blackberry-plugin.cod`
- Application loader file: `funambol-blackberry-plugin.alx`

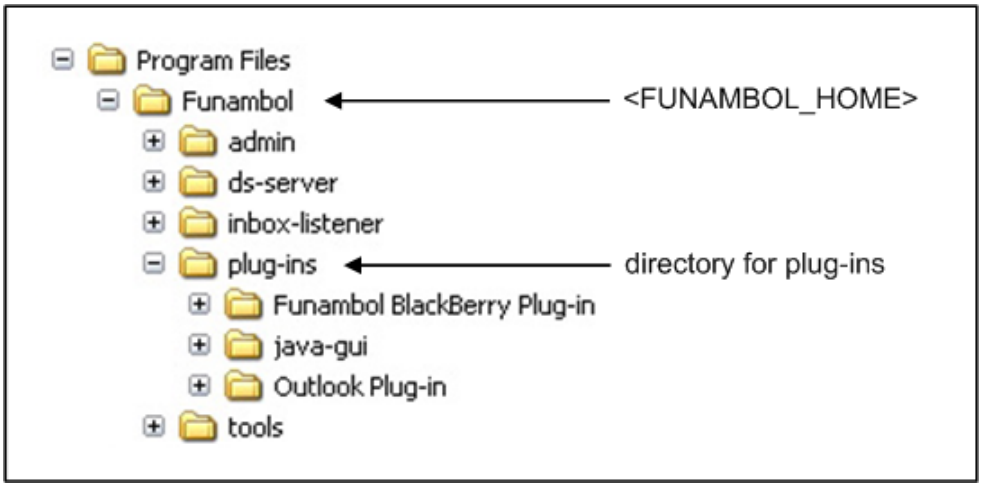
Installing the Software

Before proceeding, ensure that the Blackberry Desktop Manager is installed on your desktop/portable computer. If a previous version of the plug-in is installed on the BlackBerry, you should uninstall that version before installing the current version.

1. Connect your BlackBerry to the desktop/portable computer, e.g., via a USB cable.
2. Unzip the `funambol-blackberry-plugin-3.0.x.zip` file to a temporary directory. Extracting the file creates the following directory structure:



3. Move the **Funambol BlackBerry Plug-in** folder to the `/plug-ins` directory of the Funambol home directory, as shown below:

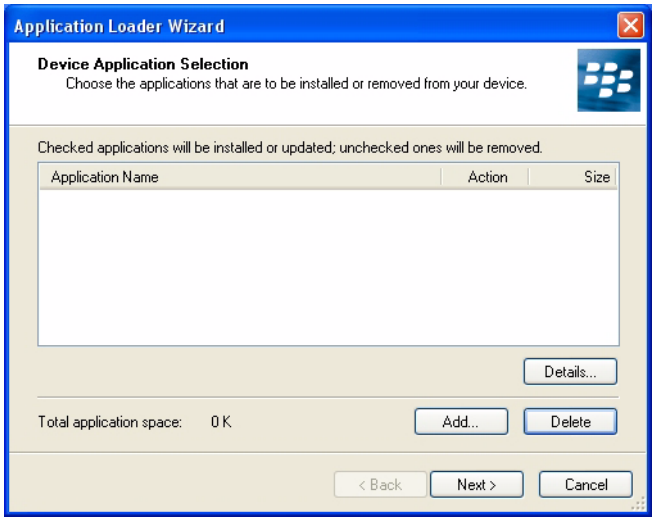


4. Open the BlackBerry Desktop Manager.

5. Double-click **Application Loader**. This opens the Application Loader Wizard; click **Next**.

6. If the Communication Port Selection displays, specify your connection and click **Next**.

7. At the Device Application Selection, click **Add**.

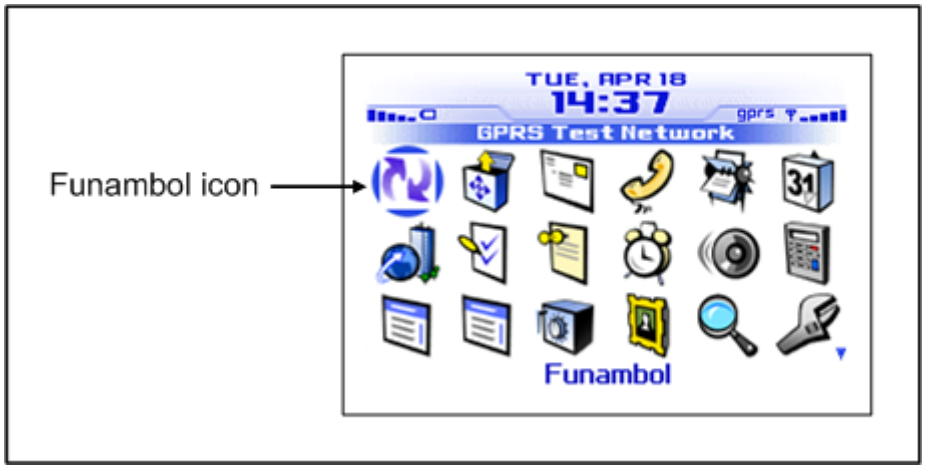


8. Navigate to the `<FUNAMBOL_HOME>/plug-ins/Funambol BlackBerry Plug-in/bin` directory, select `funambol-blackberry-plugin.alx` and click **Open**. This adds the plug-in to the list of applications to be installed, updated or removed.

9. Ensure that the Funambol plug-in is checked and click **Next**.

10. Click **Finish** to start the loading process.

11. Once installed, you access the plug-in from the BlackBerry Home screen by clicking **Applications**, then clicking the Funambol icon (double arrows).



Configuring the Plug-in

To configure the plug-in, perform the following:

1. Start the Funambol plug-in.
2. Click the trackwheel. This displays the menu selections in the upper right corner.
3. Select **Configure** and click the trackwheel.
4. Specify the synchronization settings. For details on these settings, see "Configuration Settings" on page 7.
5. To confirm your changes, select **Save** and click the trackwheel.

Known Issues

For details on compatibility issues between the Funambol plug-in and various versions of the BlackBerry OS, please refer to the plug-in readme file.

Uninstalling the Software

To uninstall the plug-in from the device, perform the following (BlackBerry 8700):

1. At the BlackBerry Home screen, click **Settings > Options > Advanced Options > Applications**.
2. From the list of applications, click **Funambol**. This displays a menu in the upper right corner.
3. Click **Delete**, and confirm the **Delete** when prompted.

To uninstall the plug-in from the BlackBerry Desktop Manager, perform the following:

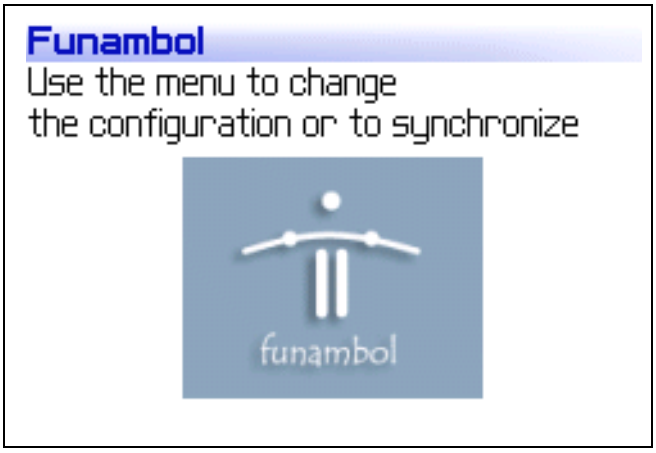
1. Connect your BlackBerry to the desktop/portable computer.
2. Open the BlackBerry Desktop Manager.
3. Double-click **Application Loader**. This opens the Application Loader Wizard; click **Next**.
4. If the Communication Port Selection displays, specify your connection and click **Next**.
5. At the Device Application Selection, select **Funambol** and click **Delete**. This displays the Confirm Application Removal window.
6. Click **Yes** to confirm removal of the plug-in. The plug-in is removed from the list of applications. Click **Next**.
7. Click Finish to complete the application removal.

Using the Funambol BlackBerry Plug-in

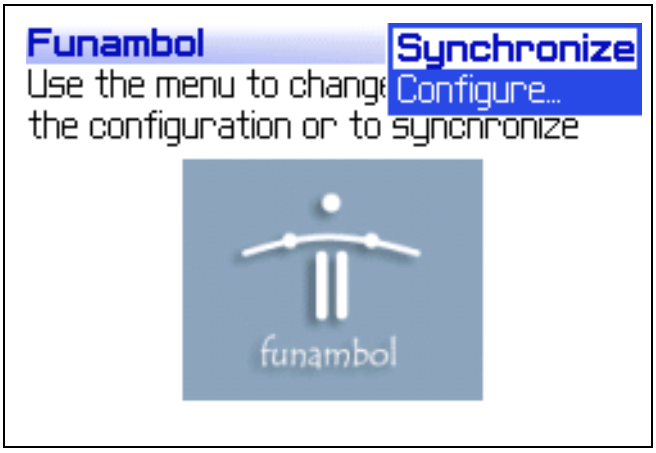
This section introduces the features of the Funambol BlackBerry Plug-in.

Home Screen

When you start the plug-in, the following screen appears:



To access the menu, click the trackwheel. The menu displays in the upper right corner, as shown below:



- **Synchronize** – select to synchronize data using the current settings.
- **Configure . . .** – access the configuration settings.

Configuration Settings

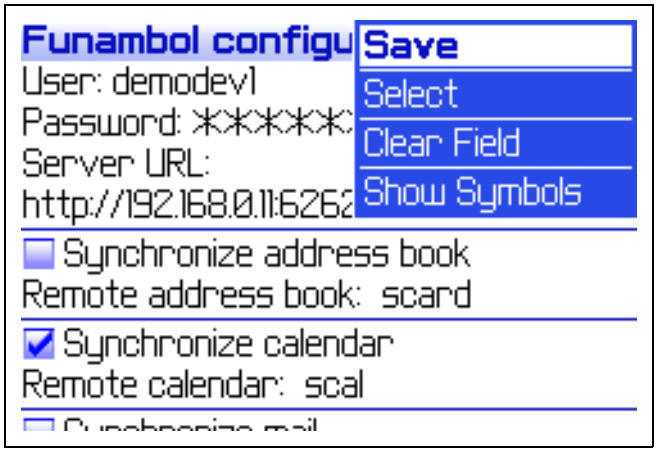
When you select **Configure...** the following window displays:

The following settings display:

Setting	Description
User	The user ID used to access the database associated with the synchronization server.
Password	The password used to access the database associated with the synchronization server.
Server URL	The URL of the synchronization server.
Synchronize address book	Select to enable synchronization of the address book. Remote address book – name of the synchronization source (i.e., the URI) on the server.
Synchronize calendar	Select to enable synchronization of the calendar. Remote calendar – name of the synchronization source (i.e., the URI) on the server.

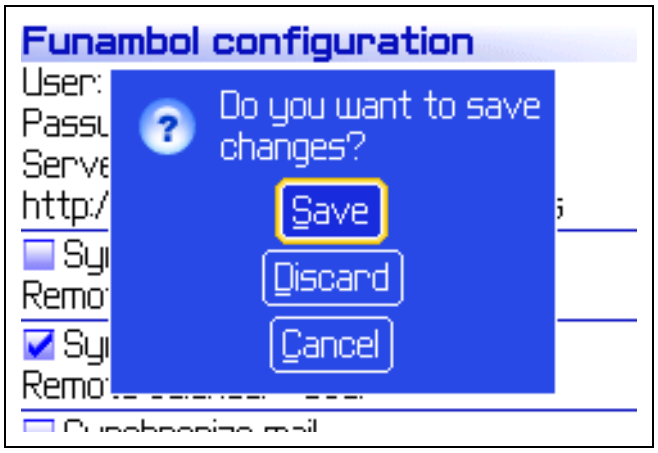
Setting	Description
Synchronize mail	Select to enable synchronization of the mail. Remote mail – name of the synchronization source (i.e., the URI) on the server. Email Id – user email address. Enable polling – select to enable polling. Polling duration – specifies the polling interval in minutes. Note: The messages you see on the device are those on the server, kept in sync on the device by manual synchronization, polling, or SMS server alerted synchronization. When you remove a message on the device, it is also removed on the server.
Enable SMS Server Alerted Sync	Select to enable SMS server-alerted synchronization.
Gateway	Gateway APN – carrier access point name. Gateway IP – WAP gateway IP address. Gateway Port – WAP gateway port. Note: These settings are used only for those devices for which the system TCP parameters are not available. Otherwise, they can be left blank.

To add, change or delete string settings, click the trackwheel to access the editing menu, as shown below:



For checkbox settings, click the trackwheel, then click **Change Option** to check or uncheck the setting.

After specifying your settings, click **Save**, and you are prompted to confirm your changes as shown below:



After confirmation, the message "Data properly configured" displays at the bottom of the screen. If you cancel the operation, the message "No changes to previous configuration" displays.

About the Plug-in

To view information about the plug-in, perform the following (BlackBerry 8700):

1. At the BlackBerry Home screen, click **Settings > Options > Advanced Options > Applications**.
2. From the list of applications, click **Funambol**. This displays a menu in the upper right corner.
3. Click **View Properties**.

Resources

This section lists resources you may find useful.

Related Documentation

This section lists documentation resources you may find useful.

Funambol DS Server Documentation

The following documents form the Funambol DS Server documentation set:

- *Funambol DS Server Architectural Overview*: Read this document for an overview of the architecture.
- *Funambol DS Server Administration Guide*: Read this guide to gain an understanding of installation, configuration, and administration.
- *Funambol DS Server Developer's Guide*: Read this guide to understand how to develop extensions to the server.
- *Funambol DS Server SyncSource API*: Read this reference guide for information on the SyncSource interface and related classes.
- *Funambol DS Server Quick Start Guide*: Read this guide to install and run a simple demonstration of synchronizing PIM data using the Funambol DS Server.
- *Funambol DS Server Module Development Tutorial*: Read this tutorial for instructions on packaging, installing and testing modules.

Other Resources

This section lists other resources you may find useful.

- For information on BlackBerry Desktop Software, visit `http://www.blackberry.com/na/index.shtml`.