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Introduction

The Funambol iPod Plug-in provides synchronization functionality for the Apple iPod. After installing the software, you can synchronize contacts and calendar data on the iPod with that stored in enterprise data sources. This document described how to install, configure, and use the software.
Installation

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

Obtaining the Software

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

Download site: www.funambol.com/opensource/downloads.html

File: funambol-ipod-plugin-3.0.x.exe

Size: 1.3 MB

Installing the Software

You install the iPod Plug-in software on a computer. The iPod does not need to be connected to the computer during installation, since no software is installed on the device. If a previous version of the plug-in is installed, you should uninstall that version before proceeding.

1. Run the executable installation file.

2. Review the license agreement. To accept the terms, select the checkbox and click Next.

3. Accept the suggested Destination Folder (i.e., the \Funambol\plug-ins\Funambol iPod Plug-in directory) and click Next.

4. Accept the suggested Start Menu Folder (i.e., the \Funambol\Funambol Plug-ins\iPod Plug-in) and click Install.

5. Click Finish to close the setup wizard.
Configuring the Plug-in

To configure the software, perform the following:

1. Start the plug-in in Windows by selecting Start > All Programs > Funambol > Funambol Plug-Ins > iPod Plug-in > iPod Plug-in.

2. Access the communication settings by selecting Edit > Communication Settings. Specify the following settings: Server URL, Username, Password, and Device Id. For details, see “Communication Settings” on page 6.

3. Access the synchronization settings by selecting Edit > Synchronization Settings. Specify the sources with which to synchronize, and set the appropriate parameters for each. For details, see “Synchronization Settings” on page 7. Note that default parameters are set on the Funambol server for synchronizing contacts and calendar.

Uninstalling the Software

To uninstall the software, perform the following: Start > All Programs > Funambol > Funambol Plug-Ins > iPod Plug-in > Uninstall.
Using the Funambol iPod Plug-in

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

Home Screen

When you start the iPod Plug-in, the following screen appears:

This screen provides the following functionality:

- **Main menu** – access menus for synchronizing, specifying configuration settings, viewing a log file, and quitting the plug-in.

- **Synchronize button** – click to synchronize data using the current settings.

To synchronize data, set your communication and synchronization settings, then attach the iPod and initiate the synchronization. Note that synchronization cannot be initiated from the device.
Main Menu Overview

The Funambol iPod Plug-in main menu contains the following selections:

<table>
<thead>
<tr>
<th>Selection</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>File &gt; Synchronize</td>
<td>Synchronizes data using the current settings. This is the same as clicking the Synchronize button.</td>
</tr>
<tr>
<td>File &gt; Exit</td>
<td>Exits the plug-in.</td>
</tr>
<tr>
<td>Edit &gt; Communication Settings</td>
<td>Displays a window for specifying communication settings.</td>
</tr>
<tr>
<td>Edit &gt; Synchronization Settings</td>
<td>Displays a window for specifying synchronization settings.</td>
</tr>
<tr>
<td>Help &gt; View Log</td>
<td>Displays the contents of the log file.</td>
</tr>
<tr>
<td>Help &gt; About</td>
<td>Displays the version number the plug-in.</td>
</tr>
</tbody>
</table>
**File Menu**

You use the File menu to perform the following:

- Initiate a synchronization using the current settings (**File > Synchronize**)
- Exit the plug-in (**File > Exit**).

**Edit Menu**

You use the Edit menu to access the following settings:

- **Communication Settings** – the communication parameters between the Funambol Data Synchronization server and the plug-in.
- **Synchronization Settings** – the source to be synchronized, and preferences associated with synchronization with that source.

**Communication Settings**

You access communication settings by selecting **Edit > Communication Settings**. The following window displays:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SyncServer URL</td>
<td>The URL of the synchronization server.</td>
</tr>
<tr>
<td>Username</td>
<td>The user ID used to access the database associated with the synchronization server.</td>
</tr>
<tr>
<td>Password</td>
<td>The password used to access the database associated with the synchronization server.</td>
</tr>
<tr>
<td>Device Id</td>
<td>Id used in user device mapping.</td>
</tr>
</tbody>
</table>

Click **OK** to save the settings; click **Cancel** to close the window without changes.
**Synchronization Settings**

You access synchronization settings by selecting **Edit > Synchronization Settings**. The following window displays:

![Synchronization Settings Window]

### Setting Description

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synchronization source</td>
<td>Select the source with which to synchronize:</td>
</tr>
<tr>
<td></td>
<td>• Contacts</td>
</tr>
<tr>
<td></td>
<td>• Calendar</td>
</tr>
<tr>
<td>Select iPod driver</td>
<td>Drive where the iPod is mounted to the computer.</td>
</tr>
<tr>
<td>Log Level</td>
<td>Specifies the type of data stored in the log file. Select one of the following:</td>
</tr>
<tr>
<td></td>
<td>• <strong>None</strong> – No data stored in the log file.</td>
</tr>
<tr>
<td></td>
<td>• <strong>Info</strong> – Informational data stored in the log file.</td>
</tr>
<tr>
<td></td>
<td>• <strong>Debug</strong> – Debug data stored in the log file.</td>
</tr>
<tr>
<td></td>
<td>When set to Info or Debug, the file contains the log only for the last synchronization.</td>
</tr>
</tbody>
</table>

Click **OK** to save the settings; click **Cancel** to close the window without changes.
Remote Settings

You access these settings by selecting Edit > Synchronization Settings and then clicking the Remote Settings button, as shown below:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Name</td>
<td>String that represents the contacts synchronization source (i.e., the URI) on the server. Default = scard (SIF).</td>
</tr>
<tr>
<td>Calendar Name</td>
<td>String that represents the calendar synchronization source (i.e., the URI) on the server. Default = scal (SIF).</td>
</tr>
</tbody>
</table>

Click OK to save the settings, which are stored in the device registry and used in subsequent synchronizations. Click Cancel to close the window without changes.
**Help Menu**

You use the Help menu to access the following:

- **View Log** – displays the log file.
- **About** – displays information about the software.

**View Log**

You access the log file by selecting **Help > View Log**, as shown below:

**About**

You access information about the software by selecting **Help > About**, as shown below:
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.