Funambol Android Sync Client
Quick Start Guide

Getting Started

The **Funambol Sync** client allows to keep contacts, calendar events, pictures, videos and files on your Android device in sync with the your online cloud account and with any other phone, tablet or computer you might have.

After the client installation, you'll find a new **Funambol Sync** icon in the applications list; click on it to start. When running for the first time, you will be prompted to register for the service. If you are a new user, enter your phone number (which will be your Funambol username), choose a password and follow the validation step in order to create your new Funambol account.

If you already have a Funambol account, you can click on the "*Already have an account?*" link on the bottom, and provide the requested username and password to login.

At this point, contacts and events will be kept in sync between your Funambol address book and calendar on your device and your online account. If other address books are present on your device, you will be invited to import from them to the Funambol address book.

Note: the application needs an active internet connection; refer to your device's manual to set this up.

Note: *you can check the content of your online account on the cloud and perform additional actions by accessing the http://my.funambol.com portal using your computer.*

Synchronizing Your Data

Your device is now ready for the first synchronization using the default settings. Refer to Changing Your Preferences section for more information.

During the initial sync:

- All Funambol contacts and calendar events stored on your device will be copied to your online account and vice versa.

- For pictures and videos, the most recent items on your device will be uploaded to the cloud, and your most recent online items will be downloaded to the device's gallery (download is enabled by default for tablets only).

- All files in the MediaHub-Files folder on your device will be uploaded to your online account, and all your online files will be downloaded to your device's MediaHub-Files folder.

To synchronize all enabled data sources, press **Sync All**. You may sync a single data type only (e.g. Contacts) by clicking on the corresponding shortcut bar.

While sync is in progress, you will see a spinning icon next to the data type that is being synchronized and on the status bar on top.
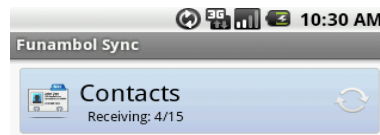
You can interrupt the process by pressing **Cancel Sync.** When done, the date and time of the last successful synchronization will be displayed for each data type.

Note: the first time that you sync, it may take a few minutes to complete, depending on the amount of data that is being synchronized and on the network speed.

Changing Your Preferences

Note: always remember to press **Save** when done with any change.

To change or check how the client works, from the main screen press the Menu button and then **Settings.** the current general and source specific configuration is shown.

Sync Preferences

The **Sync with server** setting allows to define when to synchronize the local data with the cloud:

- **Manual** *(default)*: syncs manually triggered only;

- **Scheduled**: syncs at predefined intervals (default: 15 minutes).

The option **Push client changes to the server** enables the changes made on your device to be immediately synchronized to the cloud.

Data Types And Sync Direction

Contacts, calendar, and files are always synched two-way. Changes on the device are reflected online, and vice versa (only exception is for files, where deletes on the device are not propagated to the cloud).
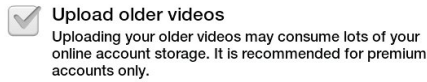
For pictures and videos, the sync direction may be **Two-way**, **Upload Only** or **Download Only** (exclusively for tablets).
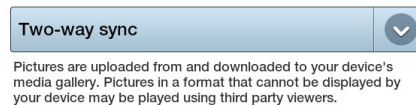
Text below the setting explains the behavior for each option.

By default, all pictures and videos taken after the client is installed are synched to your online account. To sync older media items to your online account, you may enable the **Upload Older** setting. On the next sync, all of the pictures (or videos) on your device will be uploaded to your online account.

☑ **Upload older videos**
Uploading your older videos may consume lots of your online account storage. It is recommended for premium accounts only.

Advanced Topics

Login - Logout

You can disable all client functionalities and exit from the current account by pressing Menu and then **Logout**. Once out, you can login again to re-enter into the client, to the same or a different account.

Note: these steps are required when you change the password of your account in the portal: you need to logout from the client and login again with the new password.

Bandwidth Saver

With **Bandwidth Saver** (under **Settings** in the **Advanced** tab) enabled, pictures, videos and files are synched automatically only if the client detects that WiFi is available. This improves battery life and reduces data plan consumption.

Import Contacts

If **Always create new contacts in the Funambol address book** (next to the **Contacts** setting) is checked, new contacts created are automatically added to the Funambol address book.

You can also import contacts from other address books on your device (**Import...** command, under **Settings / Advanced**). Each address book can be imported only once.

Logging

Logging can be configured at different levels: the deeper the level of tracked information, the better for troubleshooting purposes, but performance can be slightly affected.

From the **Settings / Advanced** section, the **Logging Level** options are:

- **Error** *(default)*: tracks error codes only;
- **Info**: tracks all synchronization activity;
- **Debug**: tracks more details about client-server communication;
- **Trace**: tracks all info about errors, including specific reference to the code.

For self-troubleshooting, **View Log** displays the latest log. **Send Log** allows to send it to your service provider, in case further assistance is required.

Resetting Your Data

The reset operation may be useful if you wish to delete all data on your device and download a fresh copy from the cloud or vice versa.

> **Important!** Before resetting, please note that new data on the client or on the cloud not yet synchronized may be permanently lost.

From **Settings / Advanced,** enter the **Reset** section and press **Start Reset...**: you will be asked to choose the direction of the reset and the data type (only Contacts and Calendar are currently available for reset).

From server to device deletes all data on your device and replaces with a fresh copy from the cloud; **From device to server** deletes your online data and replaces with data from your device.

Remote Names

Under **Settings / Advanced**, there is an **App Internals** section, from which you can get into a **Remote Names** panel: changes are recommended only upon request by your server administrator. Only **Contacts** and **Calendar** are available, with default values "card" and "event".

Sync Errors

The most common errors that may occur are:

- **Network error**: appears if the synchronization process failed due to coverage issues or if the server is unreachable (e.g. server is under maintenance). You should check your coverage and if the server url is correct, and then try again later.
- **Quota exceeded**: appears when local data cannot fit in the available online storage. You should either upgrade your account or free up storage on the portal; by deleting items.
- **Insufficient disk space**: appear when online data cannot fit in the available storage on the device. You should free up storage on the device by deleting items.
- **Unexpected error**: appears for temporary system errors. Usually simply retrying solves the issue.

System Requirements

The Funambol Android Sync Client works on Android phones or tablets, version 2.x or later.

Note: Calendar available on 2.2 or later.

Note: uninstalling the client will **DELETE** contacts and calendar associated to the **Funambol** account.