



Scalable OpenGroupware.org (SOGGo)
– Inverse Edition 1.2.1

Mobile Devices Configuration Guide

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About this Guide

This guide will walk you through the installation and configuration of popular SyncML clients to be used with the Scalable OpenGroupware.org (SOG) solution.

This guide also include instructions for configuring Apple iPhone OS devices (iPhone and iPod touch).

The instructions are based on version 1.2.1 of SOGo.

The latest version of this guide is available at <http://www.scalablego.org/downloads/documentation.html>.

Introduction

Scalable OpenGroupware.org (SOGo) is a free and modern scalable groupware server. It offers shared calendars, address books, and emails through your favourite Web browser and by using a native client such as Mozilla Thunderbird and Lightning.

SOGo is standard-compliant. It supports CalDAV, CardDAV, GroupDAV, iMIP and iTIP and reuses existing IMAP, SMTP and database servers - making the solution easy to deploy and interoperable with many applications.

SOGo features :

- Scalable architecture suitable for deployments from dozen to many thousand users
- Rich Web-based interface that shares the look and feel, the features and the data of Mozilla Thunderbird and Lightning
- Improved integration with Mozilla Thunderbird and Lightning by using the SOGo Connector and the SOGo Integrator
- Two-way synchronization support with any SyncML-capable devices (BlackBerry, Palm, Windows CE, etc.) by using the Funambol SOGo Connector

SOGo is developed by a community of developers located mainly in North America and Europe. More information can be found on <http://www.scalablego.org>

Installation

This section will guide you through the installation of popular SyncML clients on various devices.

Funambol SyncML Client

The recommended SyncML client for BlackBerry, Apple iPhone (for contacts), mobile devices based on Microsoft Windows Mobile Smartphone or Windows Mobile PocketPC, is the one provided directly by Funambol, which is free and open source.

For Microsoft Window Mobile, you must identify which kind of device you have ("Smartphone" vs. "PocketPC").

Once you've identified what kind of device you have, download the appropriate client from :

<http://www.funambol.com/opensource/downloads.php>

The version 8 GA or later is required.

NextHaus SyncJe

For BlackBerry and Apple iPhone devices, you can also use the SyncJe SyncML client from NextHaus (<http://www.nexthaus.com>). This client allows one to synchronize contacts, event and tasks with SOGo.

The version 2.43 or later is required. For BlackBerry 7XXX devices, the required version is 2.25 but isn't officially supported. You can install SyncJe on your BlackBerry device, over the air, by opening the following link from your BlackBerry device :

<http://www.nexthaus.com/bb/syncjebb.jad>

This will download and install the application on your mobile device. It's important to use the Web browser application and not the WAP browser to perform this operation. Once installed, restart the device. This procedure can also be used to update the SyncJe application. Note that an update of SyncJe will not affect the state of previous synchronizations. It's not necessary to perform a "slow sync" after an update of SyncJe.

Synthesis SyncML Client

The Synthesis (<http://www.synthesis.ch>) company provides a SyncML client for Palm OS-based devices.

"Over The Air" synchronization is possible, as well as synchronization through a cradle. For the latter, you must install Softick PPP using the Palm Desktop software. The version 3.01 or later is required and you can download it from <http://www.softick.com/ppp/>. Once installed, the desktop computer must be restarted.

Once completed, you must download the Synthesis client for Palm OS. The version 3.0.2.9 or later is required. Either the standard or the professional version can be used.

Once downloaded, uncompress the archive and install the '.prc' file on your Palm OS-based device. After, you should see a "SyncML" icon on your device.

Configuration

In this section, you'll learn how to configure the popular SyncML clients in order to fully synchronize your mobile device with SOGo.

Instructions for Apple iPhone OS based devices are also included. Note that those devices do not require a SyncML client for synchronizing calendars.

Funambol SyncML Client

Once the Funambol SyncML client is installed, start the application from your mobile device to configure it using the following steps :

From the *Tools* menu, choose *Options...*:

- Specify the *Location*. If your **SOGo** server is *sogo.domain.com*, the location should be `http://sogo.domain.com/funambol/ds`
- Specify your username and password
- Check the *Contacts* check box and click on the *Details* button. The synchronization type is *two-way* and the *Remote name* is 'sogo-card'. The data format is vCard.
- Check the *Calendar* check box and click on the *Details* button. The synchronization type is *two-way* and the *Remote name* is 'sogo-cal'. The data format is vCalendar.
- Check the *Tasks* check box and click on the *Details* button. The synchronization type is *two-way* and the *Remote name* is 'sogo-todo'. The data format is SIF.
- Save the preferences.

Once complete, the client is ready for an initial synchronization.

Ideally, you should **delete** all data from the mobile device before the initial synchronization. To do so :

- From the *Tools* menu, choose *Recover...*
- Choose *Replace with data from server*
- Check the *Contacts*, *Calendar* and *Tasks* check boxes

Finally, click on the *Sync All* button to proceed with the synchronization.

NextHaus SyncJe

Once NextHaus SyncJe is installed, proceed with the following steps, from your BlackBerry device, to configure it :

- Open the *SyncJe Client*
From the *Settings* menu:
- Specify the *Server URL*. If your SOGo server is *sogo.domain.com*, the URL should be `http://sogo.domain.com/funambo1/ds`
- Specify your user name and password
- Check the *Contacts* check box and specify 'sogo-card' as the *Foldername*
- Check the *Calendar* check box and specify 'sogo-cal' as the *Foldername*
- Check the *ToDo* check box and specify 'sogo-todo' as the *Foldername*
- Check the *Auto Sync* check box if you wish to automatically synchronize contacts, events and tasks at a predefined time interval
- Do not check the *Sync events between check box*
- Check the *Skip saving attendees* - this will prevent the BlackBerry device from sending emails to meeting participants for events downloaded from the SOGo server
- Check the *BIS* check box (for *BlackBerry Internet Services*)
- Leave the other fields to their default value
- Then choose *Save* from the menu to save the preferences

To prevent the BlackBerry to automatically add a new event in the calendar when an invitation is received by email (IMIP message) on the BlackBerry device, you should delete the CICAL service from the Service Book. To do so, proceed with the following steps :

From the *Options* menu:

- Choose *Advanced Options*
- Choose *Service Book*
- Identify the line that mentions the email address of the BlackBerry user followed by the [CICAL] string. For example, `user@domain.com [CICAL]`.
- Delete this entry.

Once completed, you must restart the device by removing its battery for a couple of seconds. If

you ever want to reactivate the CICAL service, follow those instructions :

<http://support.appriver.com/KB/a205/resent-service-books-on-blackberry-device.aspx?KBSearchID=4928>

Once done, you're now ready for your first synchronization.

Ideally, you must delete all data on the BlackBerry before proceeding with the initial synchronization. To do so, proceed with the following steps :

- Open the *SyncJe Client*
From the *Settings* menu:
- Choose the *Clear databases* option
- Respond *Yes* to all questions. This will delete all contacts, events and tasks from your BlackBerry device.
- Go back in the previous menu
- Choose the *Force Slow Sync* option
- Choose the *Start Sync* option to start the synchronization. This could take a few minutes if you have many contacts, events or tasks. Subsequent synchronizations should be much faster.

After the initial *Slow Sync*, you can simply chose the *Start Sync* option if you do a manual synchronization to synchronize all changes.

Synthesis SyncML Client

Once the Synthesis SyncML client is installed, proceed with the following steps to configure it :

- Open the *Synthesis SyncML Standard Edition* application
From the *Settings...* menu:
- Specify the *Server URL*. If your SOGo server is *sogo.domain.com*, the URL should be <http://sogo.domain.com/funambo1/ds>
- Specify your user name and password
- Check the *Contacts*, *Events* and *Task* check boxes
- Click on the *more...* button
- For the *Contacts*, choose *reload device* and specify 'sogo-card' as the *Server Path*
- For the *Events*, choose *reload device* and specify 'sogo-cal' as the *Server Path*. Do **not** check the *Only from...* check box
- For the *Tasks*, choose *reload device* and specify 'sogo-toto' as the *Server Path*

- Once completed, click on the *Done* button

The *reload device* value will **delete** all entries on the device during the initial synchronization and obtain contacts, events and tasks from the server. If you do not want to delete everything from the device, please choose *normal* instead of *reload device*.

Once ready, click on the "Start" button to proceed with the initial synchronization.

During the initial synchronization, the Palm device will ask you how to connect to the desktop system. From the Palm device, choose "Windows RAS" without specifying an user name or a password. This will allow the Palm device to establish a PPP connection between itself and Softick PPP and then communicate using its TCP/IP stack to the Funambol server.

Apple iPhone OS

Starting from iPhone OS 3.0, Apple has added CalDAV support to the calendar application included in the iPhone OS.

To add a CalDAV account, follow those instructions :

- From the *Settings* menu, choose *Mail, Contacts, Calendars*
- Choose *Add Account...*
- Choose *Other*
- Choose *Add CalDAV Account*
- Specify the *Server*, it should `http://sogo.domain.com/SOGo/dav/your_username`

On iPhone OS 3.1.2, you must also specify the range of events you want to have.

- From the *Settings* menu, choose *Mail, Contacts, Calendars*
- From the *Sync* menu, choose *All Events*

Note that other options (*Events 2 Weeks Back*, etc.) do not work right now.

Additional Information

For more information, please consult the online FAQs (Frequently Asked Questions) :

<http://www.scalableego.org/english/support/faq.html>

You can also read the mailing archives or post your questions to it. For details, see :

<http://mail.opengroupware.org/mailman/listinfo/sogo>

Commercial Support and Contact Information

For any questions or comments, do not hesitate to contact us by writing an email to :

support@inverse.ca

Inverse (<http://inverse.ca>) offers professional services around SOGo and Funambol to help organizations deploy the solution and migrate from their legacy systems.