

Calendar synchronization using SyncML - Windows Mobile 6

This document covers the installation and configuration of the Synthesis SyncML client for Windows Mobile 5 based devices with a touchscreen. This client is used to synchronize the device's calendar and task list with the Oracle calendar system.

Note: The Synthesis SyncML client is commercial software and must be purchased if you plan on using it past the 30 day trial period. It can be installed without a license initially, and then the license key can be added later when purchased. The cost of the software is \$25 at the time of this writing. It can be purchased from the [Synthesis website](#). The software version used to write this document was **2.5.0.69** (not the latest major version).

Installation

1. Download the Synthesis SyncML client for *Windows Mobile 5 and 2003 - PocketPC* devices with touchscreen from their website [here](#). The CAB version of the download is recommended, but it is only the software. The documentation as well as the CAB file is in the ZIP version.
2. Plug the handheld into the desktop PC and let ActiveSync connect to the device. Open ActiveSync on the desktop PC and click on the `browse device` button. Note that this could alternatively show up labeled as `Explore` in newer versions of ActiveSync, specifically ActiveSync 4.
3. Drag the CAB file that you downloaded into the explorer window from previous step, it will be copied to the device. At the time of this writing, this file's name is `syncml_std_en.PPCWM.CAB`.
4. On the handheld, open File Explorer (Start | Programs | File Explorer). Open the CAB file that you copied over in the previous step by tapping on it. Note that on some handhelds, this file may be in a subfolder called `My Documents`. At this time, the file name should be similar to `syncml_std_en`.
5. The software should automatically install at this time. On some devices, you may be prompted that the software is unsigned.. allow the software installation to continue.
6. Test the installation by clicking on the device's Start menu. There should be a new entry called `Synthesis SyncML`, open that to start the program.

Configuration

1. Open the SyncML program if it is not already running by clicking on the Start menu and then selecting `Synthesis SyncML`. Click on *Extras* from the bottom menu and then select *Profile Settings*.
2. In the SyncML server address field, enter `https://webcalendar.siumed.edu/ocst-bin/ocas.fcgi` and in the username/password fields, enter the user's email/calendar username and password. Note that the standard IR username just works, it should not be the user's full name like the PC calendar client sometimes displays.

3. In the *Synchronize* section of this window, check both `Events` and `Tasks` and click on `OK` to save the changes.
4. Click on the *Organizer* tab at the bottom of the screen, this is also under the *Profile Settings* menu option. The three default server paths need to be changed to the following values
 - `Addresses Server Path = ./Contacts`
 - `Calendar Server Path = ./Calendar/Events`
 - `ToDo Server Path = ./Calendar/Tasks`

Click on `OK` when done.

5. Finally, you may need to change the SyncML software's connection settings. To change these, open the program, click on the *Extras* menu, and then select *Connection Settings*. It is currently not known how to determine what should go here, in limited testing the `Automatic` setting does not work properly when the device is connected to a PC or using a GSM/GPRS connection. On a Cingular 8125, these two settings had to be *Preferred connection when mobile = media net* and *Preferred connection when in cradle = Work*. NOTE: when this preference was set incorrectly, the sync would hang at *Starting..*, if that happens you may need to change this.
6. To test the configuration, you should perform a sync. To do that, open the SyncML client and make sure that the *Events* and *Tasks* checkboxes are both checked. The device must be able to get an Internet or network connection before this will work, plugging it into the computer is the most reliable way to test this as it will just use the desktop PC's network connection. Tap the sync icon. The sync should start and show progress relatively quickly and if successful. When finished, it will display the date and time the last synchronization occurred.

Registration

In order to use the software permanently, it must be purchased and registered. This can be done electronically from the [Synthesis website](#). When the software is purchased, you will be sent a *Name and email address* and a *Registration code*. To enter this into the program, start the SyncML program, click on the *Extras* menu at the bottom of the screen, and then select *Registration...* Click on `OK` when done. If successful, the program will show up as `Registered` on the main (summary) SyncML screen.

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