

Syncing a Palm or Windows Mobile Device using Oracle Mobile Data Sync (an alternative way to sync Palms that will not sync using the Oracle Calendar Sync conduit)

Note for Mac OS users:

This document was prepared based on the Windows platform, but the instructions should also apply to the Mac OS since the file to download from <http://www.synthesis.ch> (noted below) would be the same. You must have an application installed and working already that synchronizes items between your Mac and your Palm handheld (e.g. Palm Desktop for the Mac or an alternative program).

Note for Windows Mobile Users:

This document was prepared based on the Palm OS platform rather than the Windows Mobile platform. As a result, some of the details regarding where to input various settings will be slightly different for your Windows Mobile device. That being said, the procedure is very similar and these instructions have allowed Windows Mobile device users to set up their devices to sync with Bookit.

Preparation:

1. First, check to see if your palm will sync using the standard Oracle Calendar Sync conduit available from <http://ist.uwaterloo.ca/ew/Bookit/download.html> (Oracle Calendar Sync for Palm on Windows (10g) or Calendar Sync for Palm on Mac (9.0.4.2.10)). Devices that are known to work with this conduit include Palms with Palm Desktop: v4.1 to v5.4 including the following:
 - a. Oracle Calendar Sync for Palm on Windows (10g): **Tungsten T, Tungsten T3, Tungsten T5, Zire 31, Zire 72, Treo 600, Treo 650, Sony Clie PEG-TG50C** (similar devices to the ones in this list may also be compatible)
 - b. Calendar Sync for Palm on Mac (9.0.4.2.10) (under Mac OS X 10.2.x to 10.4.1): **Tungsten T, Tungsten T3, Zire 31, Zire 72, Treo 600, Sony Clie PEG-TG50C** (similar devices to the ones in this list may also be compatible); (NOTE that **the following devices do NOT work** with the current version Oracle Calendar Sync for Palm on Macintosh: Tungsten T5, Tungsten E2, Treo 650, LifeDrive Mobile Manager.)
2. If your palm will not sync with the software listed in 1. (above), check to see if it is in this list:
Tungsten C, Tungsten T3, Tungsten W, Sony Clie TG50, Palm Treo 600, Palm Treo 650, Palm Treo 680, Palm Treo 680p, Palm Treo 755p
(it should also work with including Palm Treo 700p, but not 700w/750 (Windows Mobile 6))
3. If your palm is in the list in step 2. Above, you may choose to:
 - a. Proceed with these instructions. There will be a cost of approximately \$50 for an additional piece of software, but you may download a trial version first to ensure it meets your needs.
 - b. Choose to view your UW bookit calendar via your device's web browser (if your device has WiFi or is a smartphone with a data plan) via <http://bookit.uwaterloo.ca>.

This way you will not need to sync your device, but you will be able to access your calendar and tasks from your device without syncing.

Backup your device and your bookit calendar:

1. If you are currently synchronizing your device to your Palm Desktop (or something similar), do a full synchronization to ensure you have a backup in case there are any issues when setting up your synch to the bookit calendar server.
2. Also, backup your bookit calendar. In the desktop client (You likely have the desktop client installed on your UW pc, but if you do not, it is available from <http://ist.uwaterloo.ca/ew/Bookit/download.html> and is called 'Oracle Client 10.1.2 for Windows XP'). Set this up if it's not already setup and log in:
 - a. Click on **Other**, then click on **New**. Assign a **Connection Name**, possibly **Bookit**, but it is your choice. Then, under **Server**, type **bookit.uwaterloo.ca**, and click the **Lookup** button.
 - b. On the resulting dialog box, make sure that **Configure at login from user name** is selected, and click the **Configure** button, then click **OK**.
 - c. Now you will see the name you assigned to the Bookit server on a list, **select it, and click the Make Default button. Click OK**. From now on, this will be your default server.
 - d. Enter your uwdir username and password and click **Sign-in**.
3. Choose from the menu, **File/Export Data...**
4. Choose 'iCalendar File' and click on the **Continue** button.
5. Specify a reasonable date range that is important to you and set any other settings that apply to you.
6. Click on the **Browse** button near the bottom and browse to a location to save your file. Also, specify the name of your file.
7. Click **Save** and then click **OK**.


Installing SyncML client for the Palm

Note that you may end up with duplicates in your calendar as you may have the same event entered into bookit and into your palm device.

1. Download the appropriate SyncML software for your device from <http://www.synthesis.ch>. For **Palm Treos 700p and 755p**, you likely need a standard download from: http://www.synthesis.ch/dl_client.php?lang=e&lay=desk&bp=CPDA&pv=PALM#dlds_CPDA1
For devices using **Window Mobile 5, 6 or 2003**, you will likely need a standard download from: http://www.synthesis.ch/dl_client.php?bp=CPDA&pv=SMPWM&vtag=&lang=e&lay=desk
2. Once downloaded, double click on the .zip file to expand it. Then, in the 'Palm_Client_std_en' (or similarly named) folder, double click on the file with the .prc extension.
3. Then, sync your palm device as you normally would to allow the SyncML software to be installed on your device.
4. Note that if you downloaded the free version, you will need to purchase a version within approximately 30 days, if you intend to continue using it. Once you purchase a version, you can simply enter a registration code on your palm for the SyncML software to continue using this software (a reinstall is not necessary).

Configuring Your Palm for use with Oracle Mobile Data Sync (NOTE: These instructions are based on the Palm OS. If you have a device with Windows Mobile, the settings locations and the procedures may vary.)

1. On your Palm device, click on the home button.

2. Choose to view all applications.
3. Open SyncML.
4. Click on the button that allows you to access the menus and choose **Options/Settings**.
5. Enter the following information:
 - a. Beside **SyncML Server URL**;, enter <https://bookit.uwaterloo.ca/ocas-bin/ocas.fcgi?sub=syncml>
 - b. Your UWdir/ADS/Quest username and password.
 - c. Under Synchronize databases, put a check beside **Events** (and possibly **Contacts, Tasks, and/or Notes** if you want to sync these as well)
 - d. Click on the top **more..** button.
 - e. Enter the following details:
 - **Contacts**: Choose **slow** for a full sync and **normal** for an incremental sync. Beside **Server Path** enter **./Contacts** (if you choose to sync your contacts)
 - **Events**: Choose **slow** for a full sync and **normal** for an incremental sync. Beside **Server Path** enter **./Calendar/Events**
 - **Tasks**: Beside **Server Path** enter **./Calendar/Tasks** (if you choose to sync your tasks)
 - f. Also, in this window you can choose to specify a date range. Note, that by doing this in this screen, items outside of this date range will be deleted from your device. If you wish to keep all previous items on your device but still want to specify a date range, you may do so by modifying the **Server Path** for **Events**: in step 5.e. above to: **./Calendar/Events?/dr(-30,60)** (where -30 indicates 30 days in the past, and the 60 specifies 60 days in the future; these numbers can be modified to your preference to a maximum of 365 days, although we recommend that , for regular syncs the numbers stay smaller to avoid issues and to reduce sync time)
6. Once the above settings are entered, you can:
 - a. Connect to the network (if you are not already connected to a network)
 - b. Go to the SyncML software on your Palm and click on the sync button ().
 - c. Your data should now be synced with your bookit calendar and visa versa.
7. Next, you will need to register the SyncML software or in 30 days you will no longer be able to sync:
 - a. Go to <http://www.synthesis.ch> as you did before and purchase the product. You will get a registration code.
 - b. On your Palm device, click on the home button.
 - c. Choose to view all applications.
 - d. Open SyncML.
 - e. Go to Options/Registration
 - f. Enter the name and email on the first line (as displayed in the email you received after purchasing SyncML).
 - g. Enter your Registration Code as given to you in your email

Other Settings and Information

1. To set a maximum file size for items that are synced, you may append the text **/msgsize(7000)** to **SyncML Server URL**. (e.g.: [https://bookit.uwaterloo.ca/ocas-bin/ocas.fcgi?sub=syncml/msgsize\(7000\)](https://bookit.uwaterloo.ca/ocas-bin/ocas.fcgi?sub=syncml/msgsize(7000))). Note that the default is 10,000 bytes and by entering this url, you would lower it to 7,000 bytes.

2. Accepting and declining invitations directly on your device (info taken directly from <http://www.oracle.com> web site):
 - a. Your device uses several symbols to display the status of meetings. To change your status for a meeting, edit the meeting by changing the symbols listed below, then synchronize your device. Remember that once you decline a meeting and synchronize your device with the server, the declined meeting will be removed from your device.
 - i. [*]: This symbol may precede the ?, + and - symbols on your device and indicates a meeting you did not create. This symbol will not appear next to meetings you have created yourself.
 - ii. [?]: This symbol indicates a meeting you have not accepted or declined.
 - iii. [+]: This symbol indicates a meeting you have accepted.
 - iv. [-]: This symbol indicates a meeting you have declined.
3. Additional information can be found at:

http://www.oracle.com/technology/products/cs/user_info/omobile_collaboration/html/mobile_data_sync.html (this contains a full list of supported devices)

http://www.oracle.com/technology/products/cs/user_info/omobile_collaboration/html/mobile_data_sync_get_started.html (this includes a full list of configurations, etc.)