

# CalDAV How-To

As from OpenERP v6.0, document\_webdav v2.2, the iPhone has been thoroughly tested and supported as a Calendaring client for the OpenERP CalDAV module.

However, keep in mind that OpenERP is not a straightforward calendaring server, but an ERP application (with more data + structure) which exposes that data to calendar clients. That said, the full features that would be accessible through the Gtk or Web OpenERP clients cannot be crammed into the Calendar clients (such as the iPhone).

## OpenERP server Setup

**Some modules need to be installed at the OpenERP server. These are:**

- **caldav: Required, has the reference setup and the necessary**  
underlying code. Will also cause document, document\_webdav to be installed.
- **crm\_caldav:** Optional, will export the CRM Meetings as a calendar.
- **project\_caldav:** Optional, will export project tasks as calendar.
- **http\_well\_known: Optional, experimental. Will ease bootstrapping,**  
but only when a DNS srv record is also used.

These will also install a reference setup of the folders, ready to go. The administrator of OpenERP can add more calendars and structure, if needed.

## DNS server setup

To be documented.

## SSL setup

It is highly advisable that you also setup SSL to work for the OpenERP server. HTTPS is a server-wide feature in OpenERP, which means a certificate will be set at the openerp-server.conf and will be the same for XML-RPC, HTTP, WebDAV and CalDAV. The iPhone also supports secure connections with SSL, although it does not expect a self-signed certificate (or one that is not verified by one of the "big" certificate authorities [1] ).

[1] I remember one guy that made *lots* of money selling his CA business off, and since then uses this money to create a software monopoly.

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For SSL specific configuration see the documentation below

Now, to setup the calendars, you need to:

1. Click on the "Settings" and go to the "Mail, Contacts, Calendars" page.
2. Go to "Add account..."
3. Click on "Other"
4. From the "Calendars" group, select "Add CalDAV Account"
5. Enter the host's name (ie : if the url is [http://openerp.com:8069/webdav/db\\_1/calendars/](http://openerp.com:8069/webdav/db_1/calendars/) , openerp.com is the host)
6. Fill Username and password with your openerp login and password

7. As a description, you can either leave the server's name or something like "OpenERP calendars".
9. If you are not using a SSL server, you'll get an error, do not worry and push "Continue"
10. Then click to "Advanced Settings" to specify the right ports and paths.
11. Specify the port for the OpenERP server: 8071 for SSL, 8069 without.
12. Set the "Account URL" to the right path of the OpenERP webdav: the url given by the wizard (ie : <http://my.server.ip:8069/webdav/dbname/calendars/> )
11. Click on Done. The phone will hopefully connect to the OpenERP server and verify it can use the account.
12. Go to the main menu of the iPhone and enter the Calendar application. Your OpenERP calendars will be visible inside the selection of the "Calendars" button. Note that when creating a new calendar entry, you will have to specify which calendar it should be saved at.

IF you need SSL (and your certificate is not a verified one, as usual), then you first will need to let the iPhone trust that. Follow these steps:

**s1. Open Safari and enter the https location of the OpenERP server:**

<https://my.server.ip:8071/> (assuming you have the server at "my.server.ip" and the HTTPS port is the default 8071)

**s2. Safari will try to connect and issue a warning about the certificate**

used. Inspect the certificate and click "Accept" so that iPhone now trusts it.

## Synchronization with Android phone

### Prerequisite

There is no built-in way to synchronize calendar with caldav. So you need to install a third part software : Calendar (CalDav) for now it's the only one

### configuration

1. Open Calendar Sync I'll get an interface with 2 tabs Stay on the first one
2. CaDAV Calendar URL : put the URL given above (ie : <http://host.com:8069/webdav/db/calendars/users/demo/c/Meetings>)
3. Put your openerp username and password
4. If your server don't use SSL, you'll get a warnign, say "Yes"
5. Then you can synchronize manually or custom the settings to synchronize every x minutes.

## Synchronization with Evolution's calendar

1. Go to Calendar View
2. File -> New -> Calendar

### 3. Fill the form

- type : CalDav
- name : Whatever you want (ie : Meeting)
- url : [http://HOST:PORT/webdav/DB\\_NAME/calendars/users/USER/c/Meetings](http://HOST:PORT/webdav/DB_NAME/calendars/users/USER/c/Meetings) (ie : [http://localhost:8069/webdav/db\\_1/calendars/users/demo/c/Meetings](http://localhost:8069/webdav/db_1/calendars/users/demo/c/Meetings)) the one given on the top of this window
- uncheck "User SSL"
- Username : Your username (ie : Demo)
- Refresh : everytime you want that evolution synchronize the data with the server

4. Click ok and give your openerp password

5. A new calendar named with the name you gave should appear on the left side.

## Synchronization with Sunbird/Lightning

### Prerequisite

If you are using thunderbird, first you need to install the lightning module <http://www.mozilla.org/projects/calendar/lightning/>

### configuration

1. Go to Calendar View
2. File -> New Calendar
3. Chosse "On the Network"
4. for format choose CalDav and as location the url given above (ie : <http://host.com:8069/webdav/db/calendars/users/demo/c/Meetings>)
5. Choose a name and a color for the Calendar, and we advice you to uncheck "alarm"
6. Then put your openerp login and password (to give the password only check the box "Use password Manager to remember this password"
7. Then Finish, your meetings should appear now in your calendar view