

# ConfRoomMgr for SwyxWare

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## Install Guide

### Version History:

1.0	Initial Release

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# 1. Installation

## 1.1 Webserver

Make sure your Webserver meets the following requirements:

- a) PHP 5.3 with PDO, preferably on Apache 2+:  
PDO is not enabled in most standard configurations. Enable it through the php.ini (Windows, some Linux Distributions) or install the package (most Linux Distributions like Debian, Ubuntu)
- b) PHP Configuration: short\_open\_tags = On;  
Parameter in the php.ini
- c) MySQL 5+  
Standard installation should be fine.

In case you don't have it already you may want to install [phpMyAdmin](#). This great tool will help you to create the necessary Database and its user.

## 1.2 Swyx Server

You need to install the MySQL 5 ODBC Connector (Driver) on the SwyxWare server. Get it from <http://dev.mysql.com/downloads/connector/odbc/>

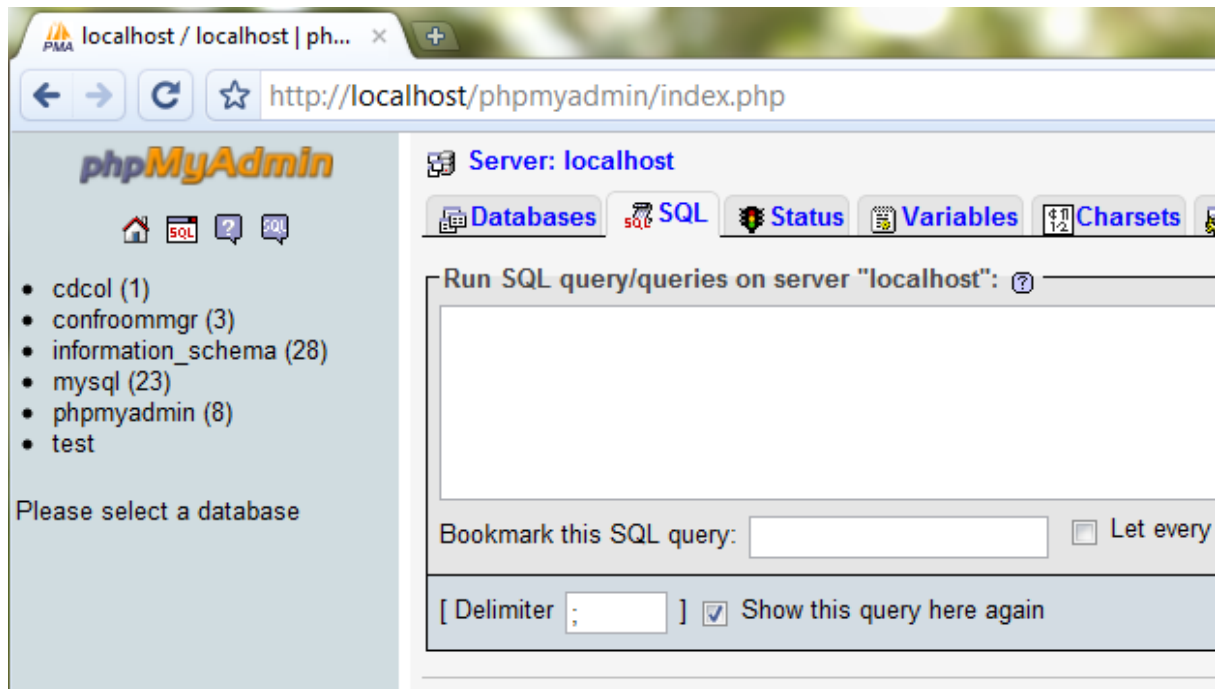
The installation is pretty straightforward. No configuration required.

## 2. Configuration

### 2.1 Database

Before the ConfRoomMgr can be configured, the Database needs to be created. The easiest way is to use phpMyAdmin.

Open phpMyAdmin and select the tab “SQL”:



Paste the contents from the file database.txt which is included in the install folder. Click “Go”.

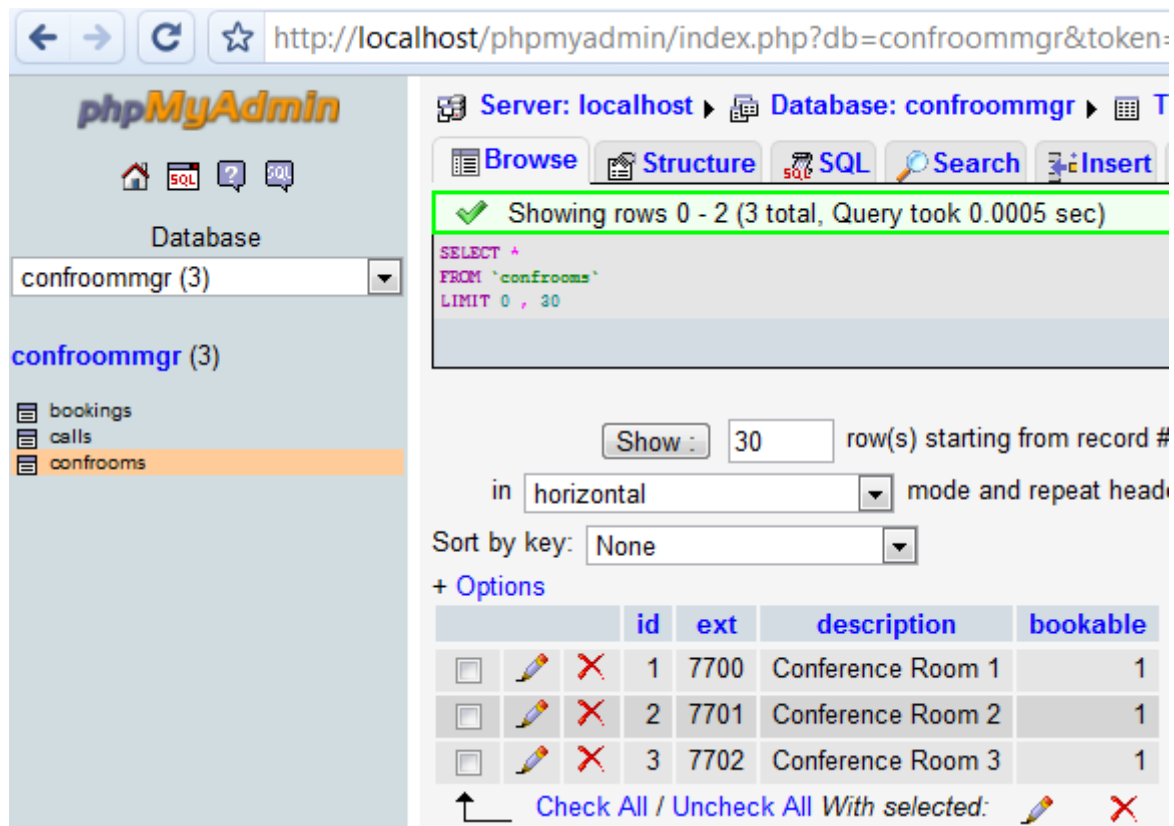
This will create a database called “confroommgr” and create three conference rooms named “Conference Room 1” to “Conference Room 3” with the extensions 7700 to 7702.

You should create a separate user to use the ConfRoomMgr for security reasons. Select “Privileges”, create a new user and grant permissions for the new database.

The username and password will be required for the ConfRoomMgr itself and for the ECR script.

## 2.2 Conference Rooms

To change the names and extensions of the conference rooms, open the table in phpMyAdmin and edit or delete them to your likes.



The screenshot shows the phpMyAdmin interface for the 'confrmmgr' database. The left sidebar shows the database structure with 'confrmmgr' selected. The main area displays the 'confrmmgr' table with the following data:

	id	ext	description	bookable
<input type="checkbox"/>	1	7700	Conference Room 1	1
<input type="checkbox"/>	2	7701	Conference Room 2	1
<input type="checkbox"/>	3	7702	Conference Room 3	1

At the bottom, there are controls for 'Check All / Uncheck All' and 'With selected:'.

If you set “bookable” to 0, the room will not be bookable and not show up in the lists.

## 2.3 ConfRoomMgr

If the Webserver is correctly configured you will need to configure the ConfRoomMgr itself.

Open `config.php` from the root of the ConfRoomMgr folder and edit the parameters according to the comments in the file.

**Note:** if you change `$_CONF['authkey']` you will have to change it in the ECR script as well.

**Note:** even though you should not change anything after line 42, it may be necessary to alter `$_CONF['PATH']` by removing one or both of the slashes. This depends on the server configuration. Look here if you get weird PHP inclusion errors.

## 2.4 SwyxWare (ECR)

Open the Conference User in the Administration and import the ECR script ConfRoomMgr. Edit the script and edit the `Start` block.

You only have to make changes in the first lines:

- Edit `connectUrl` und `disconnectUrl` so that they point to the ConfRoomMgr.  
You can test the URLs by opening an URL like this (change `<yourserver>`):  
`http://<yourserver>/confroommgr/calls.php?authkey=88a194a4fae71c61d183d167c96beaa5&num=123&name=test&ext=7700&action=connect`
- Edit the MySQL connection parameters

**Note:** The ConfRoomMgr will manage any extension to the Conference user. If you want it only to work (or not work) for certain numbers, put a block before the first one that verifies the number.

## 3 Customization

### 3.1 Template

You should not change the default template, as it may be changed in future versions. The changes will overwrite your changes!

Instead, copy the “default” folder, change the name and make the appropriate change in the `config.php`. That way you will later be able to update without making all changes again.

After copying the folder, changing the name and altering the `config.php` you may edit the template files and the CSS. You can add, edit or delete anything you want – just make sure the forms stay intact. Otherwise they may not work as they are supposed to.

**Note:** If you don't want to display something in the forms (e.g. the invite text areas for user eMails) you may either put HTML comments around them (`<!-- this is a comment -->`) or use CSS (`<input style="visibility: false" />`).

Generally, you will find the structure in the template files, coloring, sizes and formatting will be found in the CSS file.

**Note:** If you want to change the structure of the tables (FrontPage, Admin Page) you will have to edit these in the PHP code of `include/conferenceroom.php` in the functions `list_bookings_per_room()` and `list_rooms_admin()`. Be sure you know what you do!

### 3.2 Language

Just copy one of the included language files, make the necessary changes and alter the `config.php`.

The language will then be selected as default language.

Please provide your language file to the project so that it can be included in future releases!

## 4 Debugging

### 4.1 ConfRoomMgr

No debugging mechanism yet... Please try the Forum.

### 4.2 SwyxWare (ECR)

The ConfRoomMgr will write things like the PINs it read from the database or problems with the database connection to the `IpPbxServer.log` trace.

Look for:

- ZDB: -----> OpenDatabase
- ZDB: <----- OpenDatabase
- ZDB: -----> GetPin
- ZDB: Error accessing parameter in database!
- ZDB: PINs Found:
- ZDB: No PINs Found!
- ZDB: bReturn =
- ZDB: <----- GetPin