

Installing the RMH Homebase software on your server.

1. Uncompress the download file RMHHomebase.zip and you will get the directory RMHHomebase
2. Be sure that PHP5 and MySQL are running on the server where this software will reside.
3. Create a MySQL database called 'rmhhomebase'.
4. Inside this directory, there is a file called dbInfo.php, which looks like this:

```
<?php
/*
 * This file is only the connection information for the database.
 * This file will be modified for every installation.
 * See README file for the details.
 */
function connect(){
    $host = "serverURL";
    $database = "rmhhomebase";
    $user = "username";
    $pass = "password";

    $connected = mysql_connect($host,$user,$pass);
    if (!$connected) return mysql_error();
    $selected = mysql_select_db($database, $connected);
    if (!$selected) return mysql_error();
    else return true;
}
?>
```

You will need to edit the underlined text in this file so that your own serverURL, along with a MySQL username and password for the 'rmhhomebase' database, are in the places indicated. If you are running the system on your own machine, the serverURL should be set to 'localhost'.

5. Copy all the files and directories from inside the RMHHomebase directory into your serverURL directory.
6. Run the PHP script dbInstall.php. That initializes all the database tables for RMHHomebase and initializes a special user account 'admin' with password 'admin'.
7. To test the system, open a browser and set the URL to serverURL/index.html -- the RMHHomebase login page should appear.
8. To begin using RMH Homebase, log in as 'admin' with password 'admin'. The Word document **RMHHomebase Help Guide**, provides tutorial guidance for adding persons to the database, updating the master schedule, and generating new calendar weeks.
9. If you want to exercise the system using a small hypothetical database and master schedule:
  - a. Run the PHP script testDBSchedules.php -- this will create a database of 71 persons with surname 'jones'.
  - b. Login as 'admin' (password 'admin') and generate a few calendar weeks from the master schedule.
  - c. Now you are ready to try shift rescheduling and the other functions described in the **RMHHomebase Help Guide**.

If you have questions or suggestions, please contact Allen Tucker (allen@bowdoin.edu), Oliver Radwan (oliver.radwan@gmail.com), or Maxwell Palmer (maxwellpalmer@gmail.com).

Enjoy!

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