**Ereserve**

An Equipment Reservation System for WordPress

This is a bare bones equipment rental system that works as a WordPress plugin. At this point it’s very specific to Community TV’s needs. To see it in operation visit: <https://satellite.communitytv.org/equipment-reservations/>If you have questions or want to implement this on your website please contact me.

**Here are the 4 needed pages’ contents**:

| Short Code | Page Purpose | Status |
| --- | --- | --- |
| [e\_reserve] | Main reservation system page. | Public |
| [e\_reserve action="admin"] | Reservation administration page. | Private |
| [e\_reserve action="thanks"] | Thank you page for reservations. | Public |
| [e\_reserve action="equip"] | Where system administration, such as adding new equipment and categories happens. | Private |

**Setup needed ahead of time**:

In the database create the following tables (table structure follows):

* Categories
* frequently\_rented\_with
* Items
* reservations
* reservation\_detail
* Status
* Types

In the main directory you will need a file named ‘dbconvars.php’ with the following content:

<?php

$dbhost = "localhost";

$dbuser = "user\_name\_for DB";

$dbpwd = "user\_password";

$dbname = "your\_db\_name";

?>

In addition, this plugin communicates with Deskworks, a coworking administration software package. The APIs in the api directory include files that are linked to the appropriate API directory defined in a separate file ‘satvars.php’ which contains:

<?php

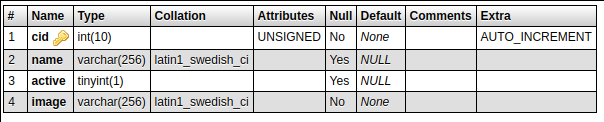
$apiUrl = "https://your\_deskwords\_url.com";

$pword = "your\_deskworks\_password";

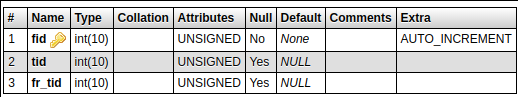
$uname = "your\_deskworks\_user\_name";

?>

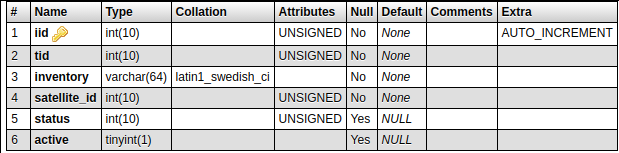
Categories Table Structure:

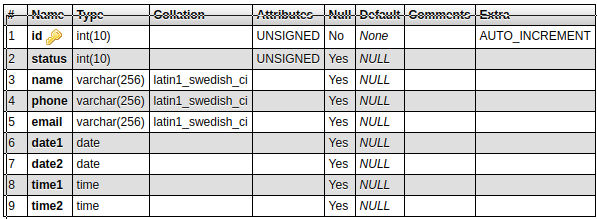


frequently\_rented\_with Structure:

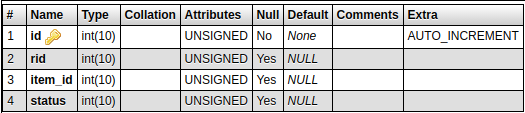


Items Structure:

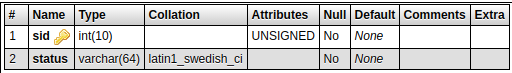
  
reservations Structure:



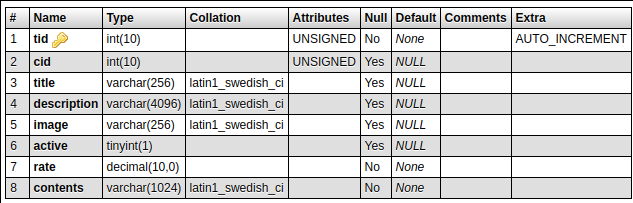
reservation\_detail Structure:



Status Structure: (statuses that your reservations can have)



Types Structure:



Here are some examples. A category might be “Cameras”, with that category there are “Types”, e.g. “DSLR Camera Kit”. There are individual “Items” for each Type. You might have 3 of these cameras, each with a different inventory number.

Statuses might be “Available”, “Checked Out”, “Checked In”, “Broken”, etc.