



MISDEMO Implementation Steps

This document describes the steps necessary to move a web application from your own personal computer (or lab workstation) to your account on the class server. Here are the steps:

STEP	REMARKS
1. Get your code working locally	Before you begin, you should be confident that your solution is working on your own computer. When you visit http://localhost/appname you should have a working application, free of connectivity errors. (Here appname is whatever folder name you chose to create in htdocs.)
2. Upload your database to the server.	<p>Start out by going to http://localhost/phpmyadmin</p> <p>Choose the database you need to export. Then:</p> <ol style="list-style-type: none">1. Click Export2. Click Custom3. Under Object creation options<ol style="list-style-type: none">a. Check "Add DROP TABLE / VIEW / PROCEDURE / FUNCTION / EVENT statement"b. Uncheck all "CREATE TABLE options" <p>Object creation options</p> <p>Add statements:</p> <ul style="list-style-type: none"><input type="checkbox"/> Add CREATE DATABASE / USE statementCheck  <input checked="" type="checkbox"/> Add DROP TABLE / VIEW / PROCEDURE / FUNCTION / EVENT / TRIGGER statement<input checked="" type="checkbox"/> Add CREATE TABLE statement<input type="checkbox"/> IF NOT EXISTS (less efficient as indexes will be generated during table creation)Uncheck  <input type="checkbox"/> AUTO_INCREMENT value<input checked="" type="checkbox"/> Add CREATE VIEW statement<input checked="" type="checkbox"/> Add CREATE PROCEDURE / FUNCTION / EVENT statement<input checked="" type="checkbox"/> Add CREATE TRIGGER statement <p><input checked="" type="checkbox"/> Enclose table and column names with backquotes (<i>Protects column and table names formed with special c</i></p> <ol style="list-style-type: none">4. Click Go. <p>An export of your database will now be available in Notepad++ or BBEdit.</p> <p>Select all the SQL text, and copy it (Ctrl-C)</p> <p>Now visit: http://misdemo.temple.edu/phpmyadmin</p> <p>Login with your username and database password.</p> <p>Choose the one and only database you are allowed to touch there. Then:</p> <ol style="list-style-type: none">1. Click SQL2. Paste your SQL text into the command text area. (Ctrl-V)3. Click Go. <p>You have now transferred your database (its structure and its data) to the class server.</p>

3. Update your database connection parameters	Back on your local machine. Update your PDO connection settings to use your user name, your database password, and your database name. This step can be made easy by using a common file (e.g. database.php) and include to hold these credentials.
4. Copy your php files using SSH	This is just like you have done, all semester long.
5. Test. Is the code working on the server?	Visit your web page on the class server. For example: http://misdemo.temple.edu/tux12345/appname