



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