

# Using MySQL with PHP

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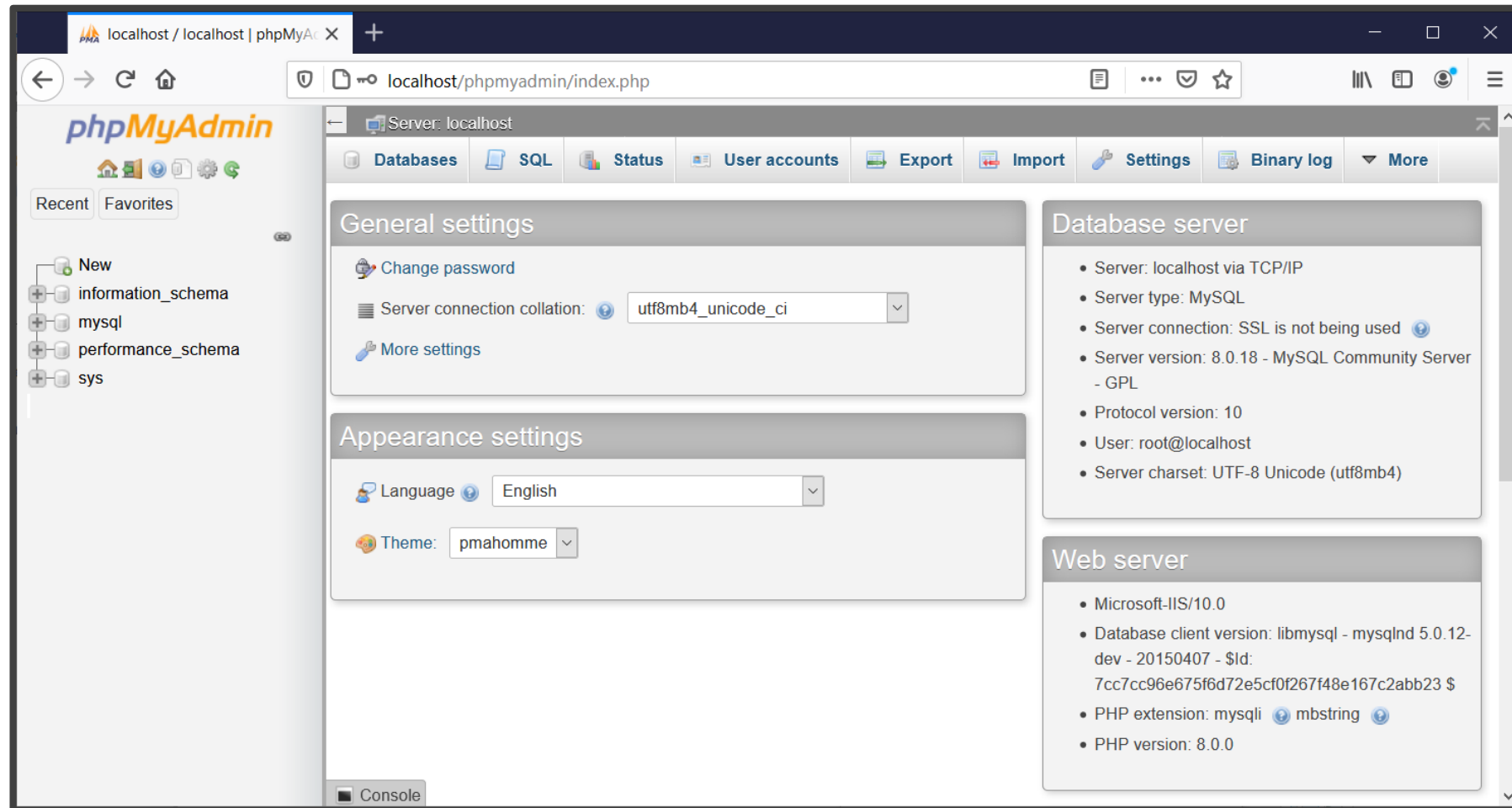
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# Database Setup



phpMyAdmin (<https://phpMyAdmin.net/>)



# Disclaimer



There is more than one way ...

Very limited error handling/detection

Database uses insecure default settings

# Database Connection

```
$db = new mysqli(  
    'localhost',  
    'user',  
    'password',  
    'database');  
  
// ...  
  
$db->close();
```



```
$db->query(  
    "INSERT INTO table (col1, col2)  
    VALUES ('value1', 'value2')");
```

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## Inserting Data



# Preventing SQL Injection

```
$sql = sprintf(  
    "INSERT INTO table (col1, col2)  
    VALUES ( '%s' , '%s' )",  
    $db->real_escape_string('value1'),  
    $db->real_escape_string('value2'));  
  
$db->query($sql);
```



# Demo



Storing registration data in the database

