Getting Started with MySQL
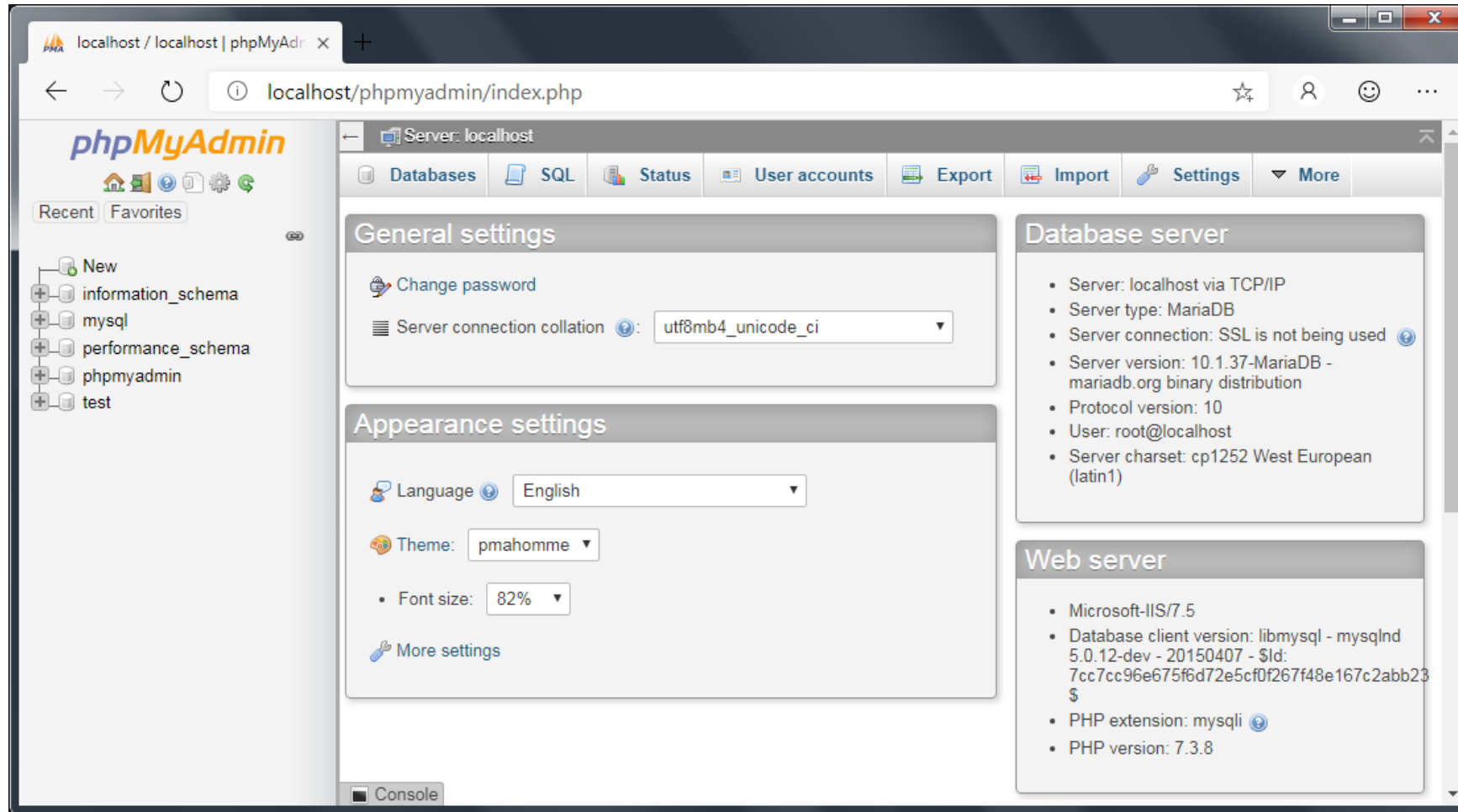
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Database Setup

**phpMyAdmin
(https://phpMyAdmin.net/)**

Disclaimer

There is more than one way ...

Very limited error handling/detection

Database uses insecure default settings

Database Connection

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

```
$db->query(

    "INSERT INTO table (col1, col2)

        VALUES ('value1', 'value2')");
```

Inserting Data

Preventing SQL Injection

```php
$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

```
$stmt = $db->prepare(

    "INSERT INTO table (col1, col2) VALUES (?, ?)");

$stmt->bind_param('ss', $value1, $value2);

$stmt->execute();
```

Prepared Statements