Fat Free Routing

Routes must be registered in index.php in the base web folder:

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| $f3 = require('vendor/autoload.php');  $f3->route('GET /',  function() {  $view = new View;  echo $view->render ('pages/hello.html');  }  );  $f3->route('GET /page1',  function() {  $view = new View;  echo $view->render ('pages/page1.html');  }  );  $f3->run(); |

Each route is handled by a function (or class method) that is responsible for assembling a page at the given URL with the given HTTP method.

Url Tokens/Parameters

* You can pass dynamic values to your routes.
* These can affect the way a page loads/displays
* You can pass parameters using @notation, then retrieve values using a built-in $params array
* Note that the anonymous function now accepts two parameters: the instance of the base, and a $params array

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| $f3->route(**'GET /@first'**,  **function($f3, $params)** {  echo "<pre>";  **print\_r($params);**  echo "</pre>";    echo '<h1>Hello, '.**$params['first']**.'</h1>';  }  ); |

Multiple Parameters

* Fat free allows multiple parameters

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| $f3->route(**'GET /greet/@first/@last'**,  function($f3, $params) {  echo "<pre>";  print\_r($params);  echo "</pre>";  echo 'Hello, '**.$params['first']**.' '**.$params['last'];**  }  ); |

Handling Errors

* Fat free stores allows you to redirect to a new page or display a 404 error

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| $f3->route('GET /language/@lang',  function($f3, $params) {    switch ($params['lang']) {  case 'swahili' :  echo '<h1>jumbo!</h1>'; break;  case 'spanish' :  echo '<h1>hola!</h1>'; break;  case 'farsi' :  echo '<h1>salam!</h1>'; break;  **case 'english' :**  **//redirect**  **$f3->reroute("/");**  **default :**  **//trigger a 404**  **$f3->error(404);**  }    }  ); |

Fat Free Variables and Templates

* Fat free stores variables in the router that can be then passed around your program
* Values are stored in key/value pairs
* Their primary use is to use with Fat Free’s templating language

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| $f3->route('GET /routingvariables', function($f3) {  echo 'Storing values...<br>';  $f3->set('username', 'jarcher');  $f3->set('password', sha1('password'));    echo 'Retrieving values...<br>';  echo 'Username: '.$f3->get('username').'<br>';  echo 'Password: '.$f3->get('password').'<br>';  }); |