

# MVC Framework Introduction

## lesson #basic01-other

**James L. Parry**  
B.C. Institute of Technology

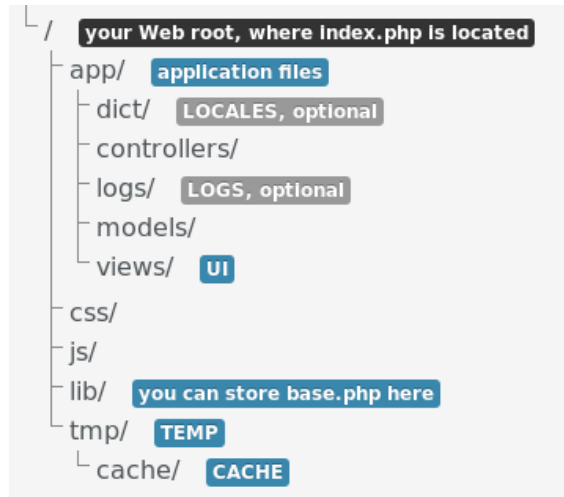
---

## Folder Structures

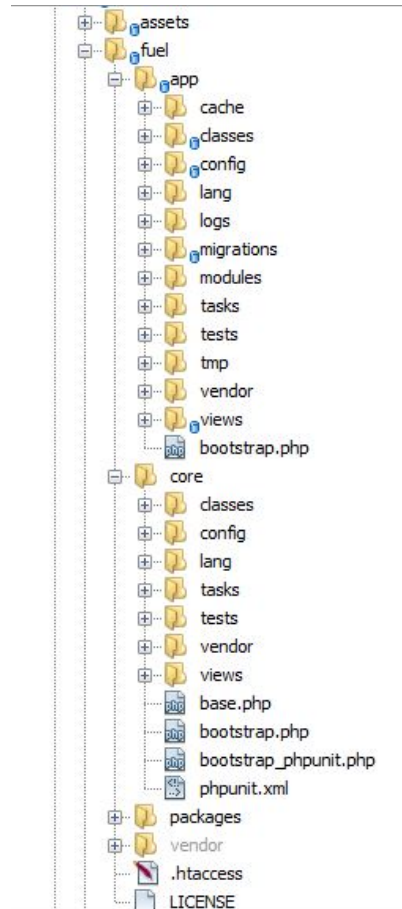
---

Other frameworks follow similar conventions.

### *Fat-Free*



### *FuelPHP*



## Other Model Examples

Other frameworks have similar functionality.

### *Fat-Free*

```
$db = new DB\SQL('mysql:host=localhost';
$port=3306;dbname=mystuff',
    'myuserid','mypassword');
$user = new DB\SQL\Mapper($db,'users');
$user->load('id=1');
$user->name='Pointy haired boss';
$user->save();
```

### *CakePHP*

```
App::uses('AppModel', 'Model');
class Ingredient extends AppModel {
    public $name = 'Ingredient';
}
```

## Other Framework Examples

### *FuelPHP*

```
class Controller_Example extends Controller {

    public function action_index() {
        $data['css'] = Asset::css(array
            ('reset.css','960.css','main.css')); }
        return Response::forge(View::forge('welcome/index'));
    }
}
```

### *Laravel*

```
class Controller extends BaseController {
    public function home() {
        return View::make('home');
    }
}
Route::get('/', 'Controller@home')
```

## View Examples From Other Frameworks

Other frameworks have similar functionality.

### *Fat-Free*

```
$f3->set('name','Jim');
$f3->set('title','Sir');
```

```
...
$view = new Template;
echo $view->render('template.html');
```

```
where the HTML fragment includes
... <p>Hello {{ @title }} {{ @name }}</p>
... <?php echo $header; ?>
... <?php echo $content; ?>
... <?php echo $footer; ?>
```

### *FuelPHP*

```
fuel/app/views/layout.php ...
```

```
<html>
<head>
<?php echo $head; ?>
</head>
<body>
<?php echo $header; ?>
<?php echo $content; ?>
<?php echo $footer; ?>
</body>
</html>
```

## Libraries in Other Frameworks

### Laravel

- Auth
- Validation
- Pagination
- Database

### Symfony2

- Browserkit
- Config
- DomCrawler
- Finder
- OptionsResolver
- ...

## Utilities Examples

Many frameworks come with bundled utilities.

### Yii



### Welcome to Yii Code Generator!

You may use the following generators to quickly build up

- [Controller Generator](#)
- [Crud Generator](#)
- [Form Generator](#)
- [Model Generator](#)
- [Module Generator](#)

### FuelPHP

```
$ php oil g scaffold monkey name:string descript
```

```
Created model: APPPATH/classes/model/monkey.php
Created migration: APPPATH/migrations/003_create
Created controller: APPPATH/classes/controller/m
Created view: APPPATH/views/monkeys/index.php
Created view: APPPATH/views/monkeys/view.php
Created view: APPPATH/views/monkeys/create.php
Created view: APPPATH/views/monkeys/edit.php
Created view: APPPATH/views/monkeys/_form.php
```

## Configuration Examples From Other Frameworks

### Laravel

```
composer create-project laravel/laravel project_name
Composer.json:
"require": {
    "laravel/framework": "4.1.*",
    "intervention/image": "1.*"
}
```

Composer update

### Kohana

```
Kohana::autoload(array(
    'auth' => MODPATH.'auth', // Basic
    'cache' => MODPATH.'cache', // Cachi
    'codebench' => MODPATH.'codebench', // Benc
    'database' => MODPATH.'database', // Data
    'image' => MODPATH.'image', // Image
    'orm' => MODPATH.'orm', // Objec
    'oauth' => MODPATH.'oauth', // OAuth
    'pagination' => MODPATH.'pagination', // Pagi
    'unittest' => MODPATH.'unittest', // Unit
    'userguide' => MODPATH.'userguide', // User
));
```

---

# Congratulations!

---

You have completed lesson #basic01-other: MVC Framework Introduction

If you would take a minute to provide some feedback, we would appreciate it!

The next activity in sequence is: contacts Example webapp - contacts

You can use your browser's back button to return to the page you were on before starting this activity, or you can jump directly to the course homepage, organizer, or reference page.