

 무료 전자 책

배우기

# zend-framework2

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#zend-

framework2

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# 1: zend-framework2

Zend Framework 2 (ZF2) is a PHP MVC framework developed by Zend Technologies. It is the successor to Zend Framework 1 (ZF1) and is designed to be compatible with PHP 5.3+.

```
class IndexController extends Zend_Controller_Action
{
}

```

ZF2 .

```
namespace Application\Controller;
use Zend\Mvc\Controller\AbstractActionController;

class IndexController extends AbstractActionController
{
}

```

ZF2 .

- 
- 
- 

## Examples

2 . . .

-

composer .

MVC zend 2 .

```
php composer.phar create-project -sdev \
--repository-url="https://packages.zendframework.com" \
zendframework/skeleton-application path/to/install

```

ZF2 (Zend MVC + ) .

```
composer require zendframework/zend-mvc

```

d ZF2 (+64 ) :

```
composer require zendframework/zendframework`

```

. ZF2 .

zf2 github .

```
git clone git://github.com/zendframework/ZendSkeletonApplication.git --recursive
```

## HTTP

() (80) HTTP .

: HTTP Zend Framework 2 .

## 1 - PHP CLI

PHP 5.4 PHP CLI .

```
php -S 0.0.0.0:8080 -t public/ public/index.php`.
```

8080 cli- .

## 2 - HTTP

Apache Microsoft IIS Server Nginx HTTP .

### Hello World

, composer create-project zendframework/skeleton-application helloWorldTest . . .

PHP CLI . (helloWorldTest) helloWorldTest : php -S 0.0.0.0:8080 -t public/ public/index.php  
. <http://localhost/> ZF2 .

. module/Application/config/module.config.php .

```
return [  
    'router' => [  
        'routes' => [  
            'home' => [  
                ...  
            ],  
        ],  
        'application' => [  
            'type' => Segment::class,  
            'options' => [  
                'route' => '/application[:action]',  
                'defaults' => [  
                    'controller' => Controller\IndexController::class,  
                    'action' => 'index',
```

```
],
    ],
    ],
    ],
    ],
```

module/Application/src/Controller/IndexController.php helloWorldAction()  
module/Application/src/Controller/IndexController.php :

```
class IndexController extends AbstractActionController
{
    public function indexAction()
    {
        ...
    }

    public function helloWorldAction()
    {
        return new ViewModel();
    }
}
```

module/Application/view/application/index/hello-world.phtml  
module/Application/view/application/index/hello-world.phtml .

```
<?php
echo "Hello World !";
```

<http://localhost/application/hello-world> ZF2 !

.

MyClass \$dependency .

```
<?php
namespace Application\Folder;

use Zend\ServiceManager\FactoryInterface;
use Zend\ServiceManager\ServiceLocatorInterface;

class MyClass
{
    protected $dependency;

    public function __construct($dependency)
    {
        $this->dependency = $dependency;
    }
}
```

. config config :

```
<?php
namespace Application\Factory;
```

```

use Zend\ServiceManager\FactoryInterface;
use Zend\ServiceManager\ServiceLocatorInterface;

class MyClassFactory implements FactoryInterface
{
    public function createService(ServiceLocatorInterface $serviceLocator)
    {
        $config = $serviceLocator->get('Config');
        $dependency = $config['dependency'];
        $myClass = new MyClass($dependency);
        return $myClass;
    }
}

```

module.config.php . . .

```

<?php

namespace Application;

return array(
    //...
    'service_manager' => [
        'factories' => [
            'Application\Folder\MyClass' => 'Application\Factory\MyClassFactory'
        ]
    ],
    //...
);

```

```

<?php

namespace Application;

use Application\Folder\MyClass;
use Application\Factory\MyClassFactory;

return array(
    //...
    'service_manager' => [
        'factories' => [
            MyClass::class => MyClassFactory::class
        ]
    ],
    //...
);

```

```
$serviceManager->get('Application\Folder\MyClass');
```

```
$serviceManager->get(MyClass::class);
```

zend-framework2 : <https://riptutorial.com/ko/zend-framework2/topic/1304/zend-framework2->



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## 2:

### Examples

(github)

```
1 cd my/project/dir
2 git clone git://github.com/zendframework/ZendSkeletonApplication.git
3 cd ZendSkeletonApplication
4 php composer.phar self-update
5 php composer.phar install
```

: <https://riptutorial.com/ko/zend-framework2/topic/6458/>

# 3:

## Examples

### Hello World

```
composer create-project zendframework/zend-expressive-skeleton expressive-skeleton .
```

.

1. no ( n ) .
2. Aura Router (# 1 ) .
3. Zend ServiceManager (# 3 ) .
4. , Zend View (# 3 );
5. , , (# 1 ) .

```
expressive-skeleton PHP PHP :php -S 0.0.0.0:8080 -t public public/index.php . http://localhost:8080/ .
```

```
. config/autoload/routes.global.php .
```

```
<?php

return [
    'dependencies' => [
        ...
    ],

    'routes' => [
        [
            'dependencies' => [
                'invokables' => [
                    ...
                ],
                'factories' => [
                    ...
                    // Add the following line
                    App\Action\HelloWorldAction::class => App\Action\HelloWorldFactory::class,
                ],
            ],
        ],
        // Following lines should be added
        [
            'name' => 'hello-world',
            'path' => '/hello-world',
            'middleware' => App\Action\HelloWorldAction::class,
            'allowed_methods' => ['GET'],
        ],
    ],
];
```

```
src/App/Action/HelloWorldFactory.php .
```

```

<?php

namespace App\Action;

use Interop\Container\ContainerInterface;
use Zend\Expressive\Template\TemplateRendererInterface;

class HelloWorldFactory
{
    public function __invoke(ContainerInterface $container)
    {
        $template = ($container->has(TemplateRendererInterface::class))
            ? $container->get(TemplateRendererInterface::class)
            : null;

        return new HelloWorldAction($template);
    }
}

```

src/App/Action/HelloWorldAction.php :

```

<?php

namespace App\Action;

use Psr\Http\Message\ResponseInterface;
use Psr\Http\Message\ServerRequestInterface;
use Zend\Diactoros\Response\HtmlResponse;
use Zend\Diactoros\Response\JsonResponse;
use Zend\Expressive\Template;
use Zend\Expressive\Plates\PlatesRenderer;
use Zend\Expressive\Twig\TwigRenderer;
use Zend\Expressive\ZendView\ZendViewRenderer;

class HelloWorldAction
{
    private $template;

    public function __construct(Template\TemplateRendererInterface $template = null)
    {
        $this->template = $template;
    }

    public function __invoke(ServerRequestInterface $request, ResponseInterface $response,
        callable $next = null)
    {
        $data = [];

        return new HtmlResponse($this->template->render('app::hello-world'));
    }
}

```

, templates/app/hello-world.phtml .

```

<?php echo 'Hello World'; ?>

```

! <http://localhost:8080/hello-world> Zend Expressive "hi" !

: <https://riptutorial.com/ko/zend-framework2/topic/6109/-->

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