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**#silex**

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# About

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# Chapter 1: Getting started with silex

## Remarks

This section provides an overview of what silex is, and why a developer might want to use it.

It should also mention any large subjects within silex, and link out to the related topics. Since the Documentation for silex is new, you may need to create initial versions of those related topics.

## Examples

### Installation or Setup

Consider following directory structure to comply with best practices:

```
[ProjectRoot]
|---[app]
|   |---[resources]
|   routes.php
|---[web]
|   |---[resources]
|   |   |---[css]
|   |   |---[img]
|   |   |---[js]
|   .htaccess
|   index.php
|---[src]
|---[var]
|---[vendor]
composer.json
composer.lock
```

[Composer](#) is the most flexible way to get started with Silex. Create a directory to host your Silex application (Named `ProjectRoot` above), `cd` to that directory and run the following command to create a `composer.json` file:

```
composer require silex/silex "~2.0"
```

This will add some files and directories into `vendor` directory, under `ProjectRoot`.

After that, all you need to do is require the `vendor/autoload.php` file and create an instance of `Silex\Application` in your `index.php` file under `ProjectRoot/web`. After your controller definitions (`routes.php`), call the `run` method on your application:

### ProjectRoot/web/index.php

```
require_once __DIR__ . '/../vendor/autoload.php';

$app = new Silex\Application();
```

```
require_once __DIR__ . '/../app/routes.php';

$app->run();
```

## ProjectRoot/app/routes.php

```
$app->get("/", function () {
    return new \Symfony\Component\HttpFoundation\Response('Hello World!');
});
```

## ProjectRoot/web/.htaccess

```
<IfModule mod_rewrite.c>
    Options -MultiViews
    RewriteEngine On
    RewriteBase /
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^ index.php [QSA,L]
</IfModule>
```

## Hello world

Create `web` directory in same folder as the `vendor` directory. Create `index.php` file in `web` directory with contents

```
<?php
// web/index.php

require_once __DIR__ . '/../vendor/autoload.php';

$app = new Silex\Application();

$app->get("/", function () {
    return "Hello world!";
});

$app->get("/hello/{name}", function ($name) use ($app) {
    return "Hello " . $app->escape($name);
});

$app->run();
```

To start app using PHP [built-in server](#) run

```
php -S localhost:8080 -t web
```

Now you can open the browser and navigate to `http://localhost:8080`, to see

Hello World!

We also defined one dynamic route. Navigate to `http://localhost:8080/hello/<YOUR_NAME>` replacing `<YOUR_NAME>` with your own name to be greeted by your first Silex app.

Read Getting started with silex online: <https://riptutorial.com/silex/topic/9046/getting-started-with-silex>

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# Credits

S. No	Chapters	Contributors
1	Getting started with silex	<a href="#">Community</a> , <a href="#">mleko</a> , <a href="#">Object</a> , <a href="#">Trix</a>