

# Flex

10 Symfony  
Symfony Flex  
Symfony

API HTML Twig  
Twig PHP

Twig  
Symfony  
composer.json

```
"require": {
    "...",
    "symfony/console": "^6.1",
    "symfony/flex": "^2.0",
    "symfony/framework-bundle": "^6.1",
    "symfony/yaml": "^6.1"
}
```

Symfony PHP

## Flex

Twig

```
composer require twig
```

Symfony Flex Composer

twig Flex symfony/twig-bundle Flex  
Composer

Flex symfony/twig-bundle

RECIPIES.md

config/bundles.php

3

• config/packages/twig.yaml Twig

• config/packages/test/twig.yaml

Twig

• templates/

base.html.twig

## Twig

Flex

Twig

```
<?php
// src/Controller/DefaultController.php
namespace App\Controller;

use Symfony\Component\Routing\Attribute\Route;
use Symfony\Component\HttpFoundation\Response;
+ use Symfony\Bundle\FrameworkBundle\Controller\AbstractController;

- class DefaultController
+ class DefaultController extends AbstractController
{
    #[Route('/hello/{name}', methods: ['GET'])]
    public function index(string $name): Response
    {
-     return new Response("Hello $name!");
+     return $this->render('default/index.html.twig', [
+         'name' => $name,
+     ]);
    }
}
```

AbstractController

render()

```
{# templates/default/index.html.twig #}
<h1>Hello {{ name }}</h1>
```

{{ name }}

name

Twig

h1

HTML

base.html.twig

```
{# templates/default/index.html.twig #}

{% extends 'base.html.twig' %}


{% block body %}

    <h1>Hello {{ name }}</h1>

{% endblock %}
```

base.html.twig ☐ HTML ☐

# Profiler

Symfony

```
composer require profiler
```

[illegible][illegible][illegible]Web 

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[illegible]

API

API JSON

```
// src/Controller/DefaultController.php

namespace App\Controller;

use Symfony\Bundle\FrameworkBundle\Controller\AbstractController;
use Symfony\Component\HttpFoundation\JsonResponse;
use Symfony\Component\Routing\Attribute\Route;

class DefaultController extends AbstractController
{
    // ...

    #[Route('/api/hello/{name}', methods: ['GET'])]
```

```
public function apiHello(string $name): JsonResponse
{
    return $this->json([
        'name' => $name,
        'symfony' => 'rocks',
    ]);
}
```

```
composer require api
```

api-platform/api-pack Symfony pack Doctrine ORM Flex 5

product API Product

#[ApiResource]

```
// src/Entity/Product.php

namespace App\Entity;

use ApiPlatform\Core\Annotation\ApiResource;
use Doctrine\ORM\Mapping as ORM;

#[ORM\Entity]
#[ApiResource]
class Product
{
    #[ORM\Id]
    #[ORM\GeneratedValue(strategy: 'AUTO')]
    #[ORM\Column(type: 'integer')]
    private int $id;

    #[ORM\Column(type: 'string')]
    private string $name;

    #[ORM\Column(type: 'integer')]
    private int $price;

    // ...
}
```



```
php bin/console debug:router

-----

Name                Method  Path
-----
api_products_get_collection  GET    /api/products.{_format}
api_products_post_collection POST    /api/products.{_format}
api_products_get_item       GET    /api/products/{id}.{_format}
api_products_put_item       PUT    /api/products/{id}.{_format}
api_products_delete_item    DELETE /api/products/{id}.{_format}
...
-----
```



composer remove api

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 Flex 

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Symfony  
Symfony

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