# Symfony Online
## JUNE 2024

JUNE 6 - 7, 2024

# LIVE EXPERIENCE

## SymfonyOnline
## JUNE 2024

Symfony ux
LIVE COMPONENTS

SensioLabs
Créateur de Symfony

# **LIVE** EXPERIENCE

# INTRODUCTION

# THANKS

THANK **YOU**

ORGANIZERS

# THANK **YOU**

RYAN

# THANK **YOU**

NICOLAS

# ABOUT **ME**

# SIMON **ANDRE**

**1985** Birth of Simon

ABOUT **ME**

# SIMON **ANDRE**

**1985** Birth of Simon

**1989** Birth of the web

ABOUT **ME**

# SIMON **ANDRE**

**1985** Birth of Simon

**1989** Birth of the web

**1999** First website

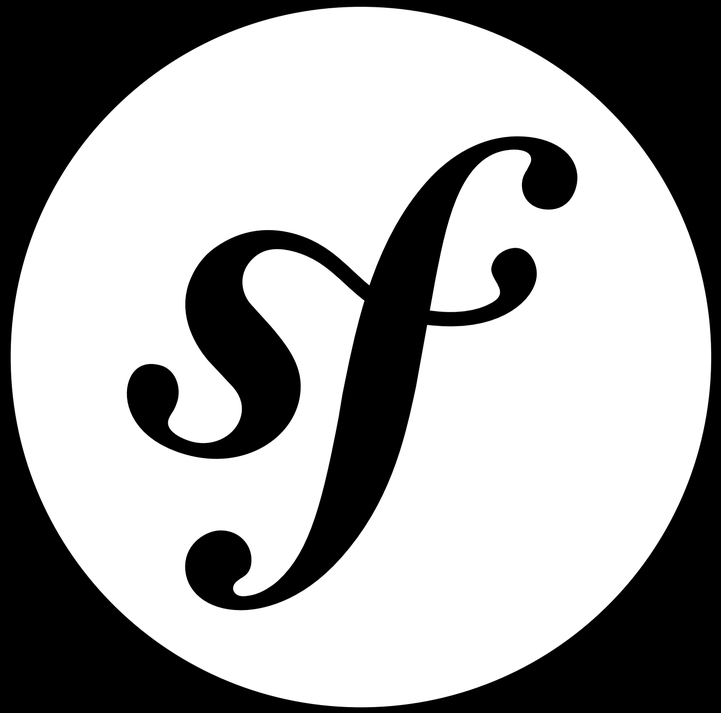
ABOUT **ME**

# SIMON **ANDRE**

| | |
|---|---|
| **1985** | Birth of Simon |
| **1989** | Birth of the web |
| **1999** | First website |
| **2024** | Still loving it |

ABOUT **ME**

# SYMFONY



# SensioLabs

Créateur de Symfony

ABOUT **ME**

# SYMFONY **NIGHTS**

Symfony

Symfony *ux*

# SYMFONY **TALK**

| | |
|---|---|
| 2024/03 | SymfonyLive Paris |
| 2024/06 | SymfonyOnline |
| 2024/06 | Meet-up Bruxelles |

# SYMFONY **TALK**

| | |
|---|---|
| 2024/03 | SymfonyLive Paris |
| 2024/06 | SymfonyOnline |
| 2024/06 | Meet-up Bruxelles |
| 2024/?? | Contact me |

# SYMFONY **UX**

DECEMBER **2020**

# How to decrease the time required to build great User Experiences?

# Symfony UX initiative

A new series of tools to build User Experiences with Symfony

# What do we actually **want**?

1. **Organizing** JavaScript code inside our projects

2. **Avoiding complexity** as much as possible

3. Relying on code **developed by others**

4. Implementing great **User Experiences**

JUNE **2024**

# UX PACKAGES

UX Turbo

Chart.js

Dropzone

UX React

UX Vue.js

UX Svelte

Autocomplete

Translator

Notify

# UX PACKAGES

UX Turbo

Chart.js

Dropzone

UX React

UX Vue.js

UX Svelte

Autocomplete

Translator

Notify

# **UX** PACKAGES

UX Turbo

Chart.js

Dropzone

**TWIG** COMPONENT

**LIVE** COMPONENT

**UX** ICONS

Autocomplete

Translator

Notify

# ...UX **ICONS** ?!

# KEVIN BOND

Foundry

Browser

Messenger-Test

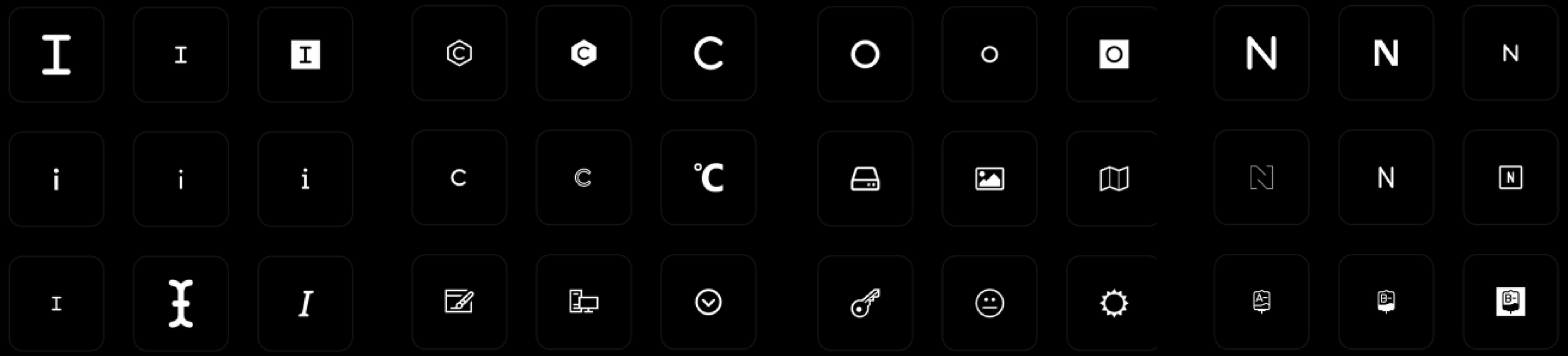
Filesystem

Filesystem

KEVIN BOND

Mailer-Test

# **UX** ICONS



# UX ICONS

```
<twig:ux:icons name="bi:robot" class="svg-icon" />
```

# UX ICONS

```
<twig:ux:icons name="bi:robot" class="svg-icon" />
```

```
<svg class="svg-icon" viewBox="0 0 16 16" ... >
  <path d="M6 12.5a.5.5 ... "/>
</svg>
```

SVG ICONS MADE EASY

# UX Icons

Render SVG icons seamlessly from your Twig templates.
Find the `perfect icon` among `200,000 choices` from the most popular `icon sets`.

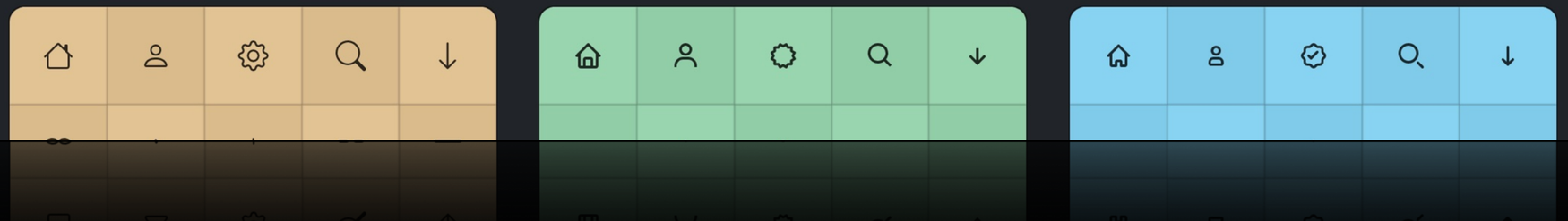
All sets

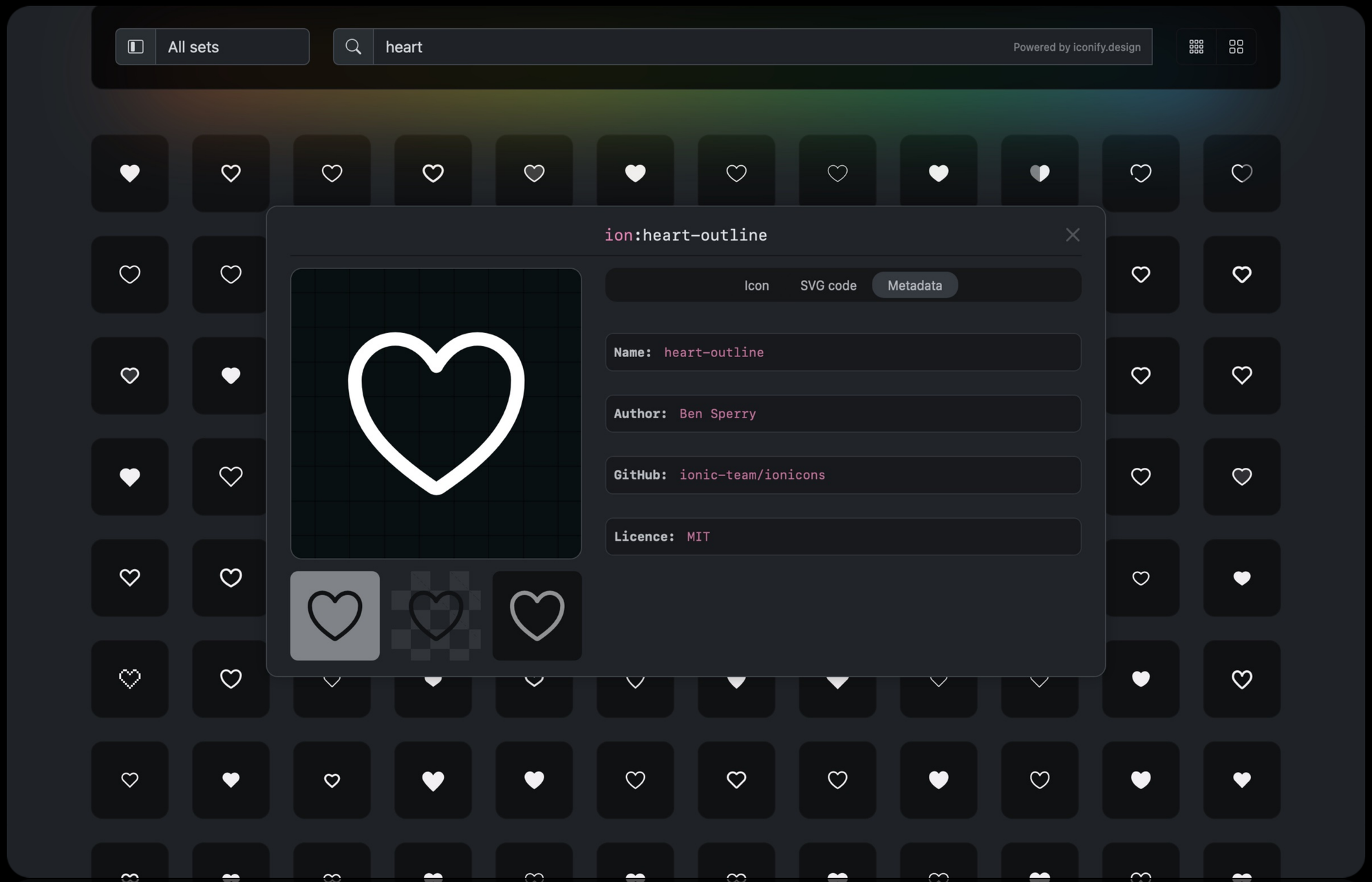
Results update as you type...

Powered by iconify.design

ICONIC PACKAGES

## Popular Icon Sets




All sets
heart
Powered by iconify.design
ion:heart-outline
Icon
SVG code
Metadata
Name: heart-outline
Author: Ben Sperry
GitHub: ionic-team/ionicons
Licence: MIT

SYMFONY **UX**

# **UX** ICONS

| | |
|---|---|
| **Bootstrap Icons** | 2,050 icons |
| **BoxIcons** | 814 icons |
| **Flowbite Icons** | 520 icons |
| **Iconoir** | 1,583 icons |
| **Lucide** | 1,460 icons |
| **Tabler Icons** | 5,256 icons |
| **Octicons** | 641 icons |
| **Phosphor** | 9,072 icons |
| **HeroIcons** | 1,176 icons |

# UX ICONS

```
Search "arrow" in Lucide icons:

 php bin/console ux:icons:search lucide arrow

➜  ux.symfony.com git:(2.x) ✗ sf ux:icons:search lucide arrow
Searching Lucide icons "arrow"...
Found 64 icons.
 ---------------------------------------- ----------------------------------------
  lucide:a-arrow-down                      lucide:a-arrow-up
  lucide:arrow-big-down                    lucide:arrow-big-down-dash
  lucide:arrow-big-left                    lucide:arrow-big-left-dash
  lucide:arrow-big-right                   lucide:arrow-big-right-dash
  lucide:arrow-big-up                      lucide:arrow-big-up-dash
  lucide:arrow-down                        lucide:arrow-down-0-1
  lucide:arrow-down-1-0                    lucide:arrow-down-a-z
  lucide:arrow-down-from-line              lucide:arrow-down-left
  lucide:arrow-down-narrow-wide            lucide:arrow-down-right
  lucide:arrow-down-to-dot                 lucide:arrow-down-to-line
  lucide:arrow-down-up                     lucide:arrow-down-wide-narrow
  lucide:arrow-down-z-a                    lucide:arrow-left
 ---------------------------------------- ----------------------------------------

 Page 1/3. Continue? (yes/no) [yes]:
 >
```

# **UX** ICONS

**200**
ICON SETS

**200,000**
ICONS

**SEARCH**
ENGINE ONLINE

**TWIG**
COMPONENT

**CONSOLE**
COMMANDS

**MORE**
TO COME...

# UX ICONS

```
composer require symfony/ux-icons
```

https://ux.symfony.com/icons

# </ UX ICONS >

# **UX** PACKAGES

UX Turbo

Chart.js

UX Icons

**TWIG**
COMPONENT

**LIVE**
COMPONENT

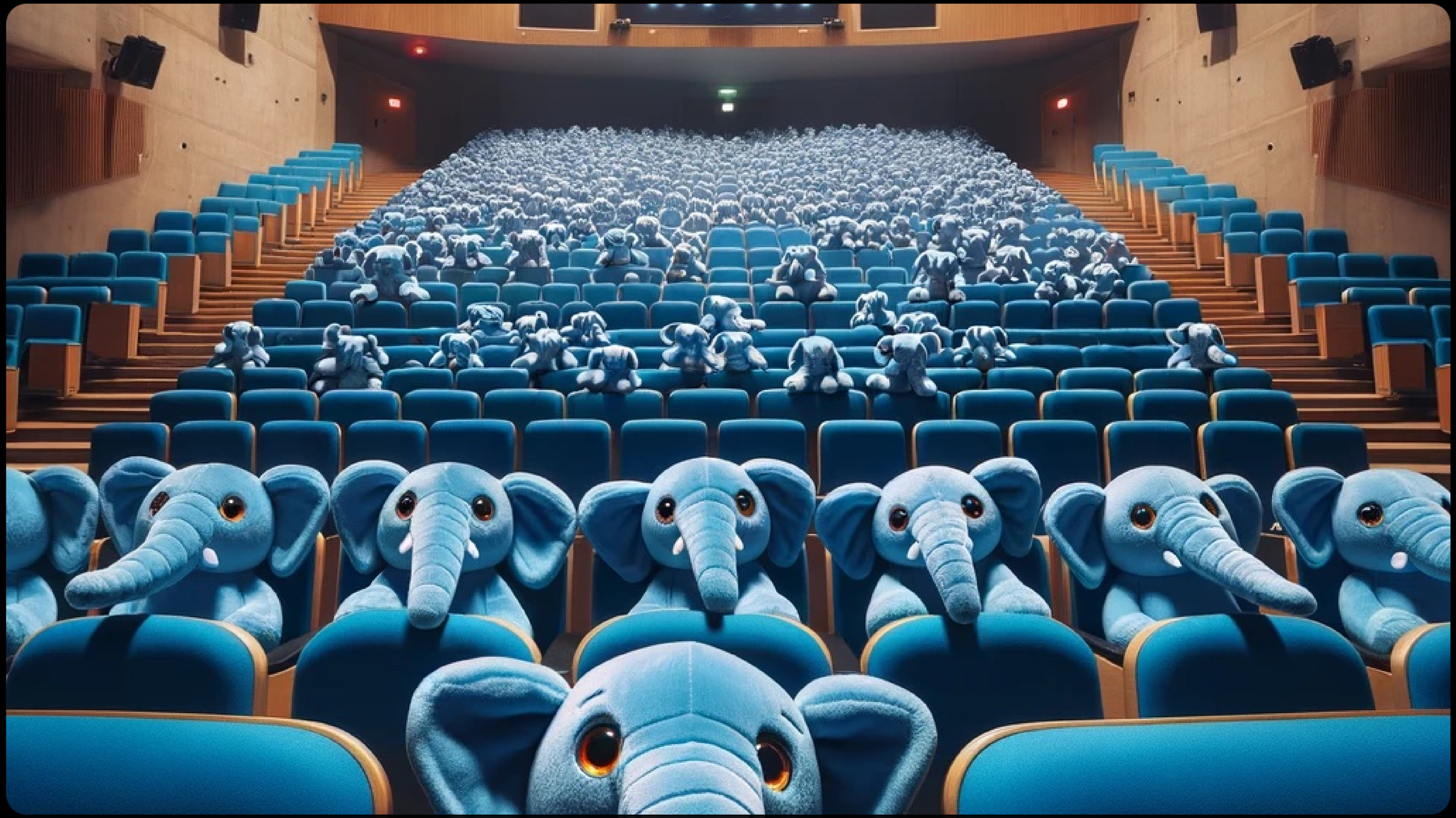
Autocomplete

Translator

Notify

# TWO QUESTIONS

# Have you used **TWIG** COMPONENTS in a (prod) project ?



# Have you used **LIVE** COMPONENTS in a (prod) project ?

# PLAN

# LIVE
# COMPONENT

# LIVE
# TOUR

# THREE
# QUESTIONS

# FOR MY

# PROJECT / CLIENT ?

# FOR **ME** & MY **TEAM** ?

# FOR **TODAY**

# OR **TOMORROW** ?

# LIVE COMPONENT

# COMPONENT

# TWIG COMPONENT

# PHP CLASS

```
#[AsTwigComponent]
class MyComponent
{
    public string $message;

    public function getLevel(): string
    {

    }
}
```

# TWIG TEMPLATE

```
<div class="{{ this.getLevel() }}">

    <p>{{ this.message }}</p>

</div>
```

# TWIG TEMPLATE

```
{{ component('MyComponent', {message: "Hello"}) }}
```

# HTML SYNTAX

```
<twig:MyComponent message="Hello" />
```

# TWIG COMPONENT

**PHP**
ATTRIBUTES

**HTML**
SYNTAX

**NESTED**
PROPERTIES

**EVENT**
LISTENERS

**CONTEXT**
ISOLATION

**MORE**
TO COME...

# TWIG COMPONENT

```
composer require symfony/ux-twig-component
```

https://ux.symfony.com/twig-component

# COMPONENT

# LIVE

SymfonyOnline
JUNE 2024

# MUTATION

SymfonyOnline
JUNE 2024

# MUTATION

## STIMULUS JS

# HYDRATION

# HYDRATION

## STIMULUS JS

## SERIALIZER

# MORPHING

# MORPHING

## IDIOMORPH

# LIVE TOUR

LIVE

LIVE

# LIVE
# CODING

# LIVE **PHP**

```
#[AsLiveComponent]
class MyComponent
{

}
```

# LIVE **TWIG**

```
<div {{ attributes }}>


</div>
```

# LIVE **HTML**

```
<div data-controller="live"
     data-live-name-value="MyComponent"
     ...>

</div>
```

# LIVE
# PROPS

# LIVE PROPS

```
#[LiveProp]
public string $query
```

```
<input type="search" data-model="query" />
```

# LIVE **PROPS**

**DOCTRINE**
ENTITIES

**URL**
QUERY BINDING

**CUSTOM**
HYDRATION

# LIVE **PROPS**

**DOCTRINE**
ENTITIES

**URL**
QUERY BINDING

**CUSTOM**
HYDRATION

# LIVE
# ACTIONS

# LIVE ACTION

# LIVE **ACTIONS**

```
#[LiveAction]
public function refresh()
```

```
<button
    data-action="live#action"
    data-live-action-param="refresh"
>Refresh</button>
```

# LIVE **ACTIONS**

```
#[LiveAction]
public function addItem(
    #[LiveArg] int $id,
    #[LiveArg('itemName')] string $name,
)
```

# LIVE **ACTIONS**

**CSRF**
PROTECTION

**VALUE**
RESOLVERS

**HTTP**
REDIRECTIONS

# LIVE
# EVENTS

# LIVE **EVENTS**

```
<button
    data-action="live#emit"
    data-live-event-param="productAdded"
>
```

# LIVE **EVENTS**

```
$this->emit('productAdded', [
    'product' => $product->getId(),
]);
```

# LIVE **EVENTS**

```
#[LiveListener('productAdded')]
public function incrementProductCount()
{
    $this->productCount++;
}
```

# LIVE
# LOADING

# LIVE **POLL**

```
<div {{ attributes }} data-poll="save">
```

# DEFER LOADING

```
<twig:TopComments article="24" loading="defer" />
```

# LAZY LOADING

```
<twig:TopComments article="24" loading="lazy" />
```

# HTML LOADING

```
<!-- show only when the component is loading -->
<span data-loading>Loading</span>
```

```
<!-- modifiers & actions  -->
<div data-loading="action(saveForm)|addClass(opacity-50)">
...
</div>
```

# LIVE

# INTEGRATION

# COMPLEX

# SETUP

# STEP ONE

```
composer require symfony/ux-live-component
```

# STEP **TWO**

...

# SYMFONY

# INTEGRATION

# SYMFONY **FLEX**

# SYMFONY **FORM**

# SYMFONY **APP**

FORM

VALIDATION

SERIALIZER

ASSET MAPPER

SECURITY

ROUTER

# SYMFONY **WORLD**

TWIG

DOCTRINE

PHPDOCUMENTOR

PHPUNIT

FOUNDRY

BROWSER

# SYMFONY **DEV**

# BACKEND LOGIC

**BACKEND** LOGIC

FRONTEND **MAGIC**

# LIVE

# VERSATILE

# WHAT DOES IT DO

# WHAT DOES IT DO

# WHAT DO **YOU** **WANT** TO DO

# A

# TOOLKIT

# GETTING
# STARTED

# THREE
# STRATEGIES

# PATIENCE

# BRUSHSTROKES

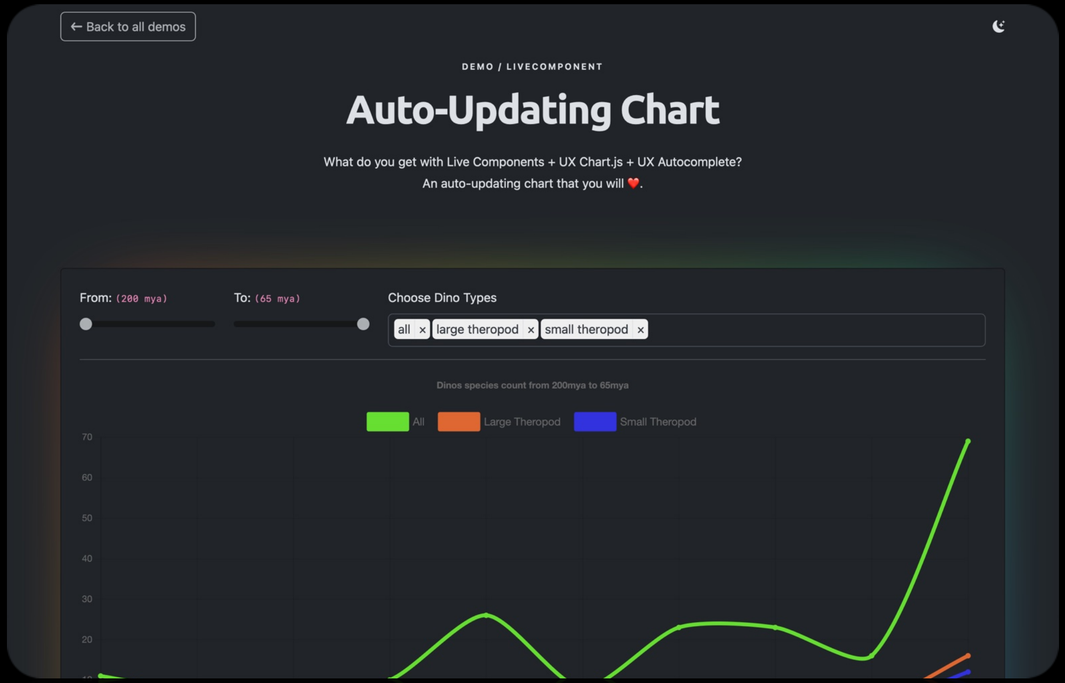
# ADVENTURE

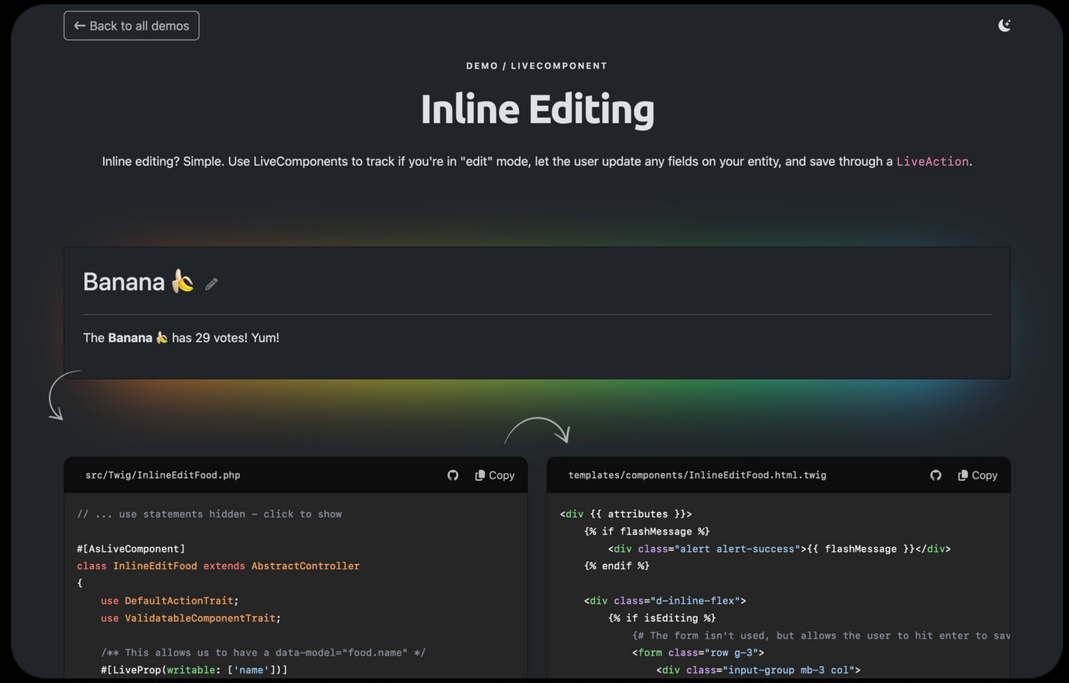
YYAAAAAA
AAAAAAAAAAA
AAAAAAA !!

# LIVE
# DEMOS

LIVE VERSATILE

# LIVE **DEMOS**





← Back to all demos
DEMO / LIVECOMPONENT
Inline Editing
Inline editing? Simple. Use LiveComponents to track if you're in "edit" mode, let the user update any fields on your entity, and save through a LiveAction.
Banana 🍌
The Banana 🍌 has 29 votes! Yum!
src/Twig/InlineEditFood.php
Copy
// ... use statements hidden – click to show
#[AsLiveComponent]
class InlineEditFood extends AbstractController
{
use DefaultActionTrait;
use ValidatableComponentTrait;
/** This allows us to have a data-model="food.name" */
#[LiveProp(writable: ['name'])]
templates/components/InlineEditFood.html.twig
Copy
<div {{ attributes }}>
{% if flashMessage %}
{{ flashMessage }}
{% endif %}

{% if isEditing %}
{# The form isn't used, but allows the user to hit enter to sav
<form class="row g-3">

LIVE VERSATILE

# LIVE DEMOS

← Back to all demos

DEMO / LIVECOMPONENT

## Auto-Validating Form

Enter a bad email or leave the password empty, and see how the form validates in real time!
This renders a normal Symfony form but with extras added on top, all generated from Symfony & Twig.

Email

Password

Agree to terms

Register

src/Twig/RegistrationForm.php Copy

```
// ... use statements hidden – click to show

#[AsLiveComponent]
```

templates/components/RegistrationForm.html.twig Copy

```
<div
    {{ attributes }}
>
```

← Back to all demos

DEMO / LIVECOMPONENT

## Uploading files

File uploads are tricky. Submit them to a `#[LiveAction]` with the `files` modifier on `data-live-action` then process them.

**Note:** files aren't persisted and will be lost on each rerender if not stored.

Single file: Parcourir... Aucun fichier sélectionné.

Current file: none

Multiple files: Parcourir... Aucun fichier sélectionné.

Current files: (none)

Upload files!

src/Twig/UploadFiles.php Copy

```
// ... use statements hidden – click to show

#[AsLiveComponent]
class UploadFiles
{
/** This allows us to have a data-model="food.name" */
#[LiveProp(writable: ['name'])]
```

templates/components/UploadFiles.html.twig Copy

```
<div class="container" {{ attributes }}>
    <p class="text-muted"><strong>Note:</strong> files aren't persisted and
    <div class="form-group mb-3">
        <label for="single-file" class="form-label">Single file:</label>
        <input
    <form class="row g-3">
        <div class="input-group mb-3 col">
```

LIVE VERSATILE

# LIVE DEMOS

← Back to all demos

DEMO / LIVECOMPONENT

## Dependent Form Fields

Unleash the power of form events, thanks to `LiveComponent` and `DynamicForms`.

Meal

Which meal is it?

Main food

Select a meal first

src/Twig/MealPlanner.php | templates/components/MealPlanner.html.twig | src/Form/MealPlannerForm.php

Copy

```
// ... use statements hidden – click to show

#[AsLiveComponent]
class MealPlanner extends AbstractController
{
    use ComponentWithFormTrait;
    use DefaultActionTrait;

    protected function instantiateForm(): FormInterface
    {
```

← Back to all demos

DEMO / LIVECOMPONENT

## Embedded CollectionType Form

Unlock the potential of Symfony's `CollectionType` while writing zero JavaScript.
This demo shows off adding and removing items entirely in PHP & Twig.

Give your list a name

Item | Priority

Walk the pygmy hippo | 0 | X

+ Add Item | Save

src/Twig/TodoListForm.php

Copy

```
// ... use statements hidden – click to show

#[AsLiveComponent]
class TodoListForm extends AbstractController
{
```

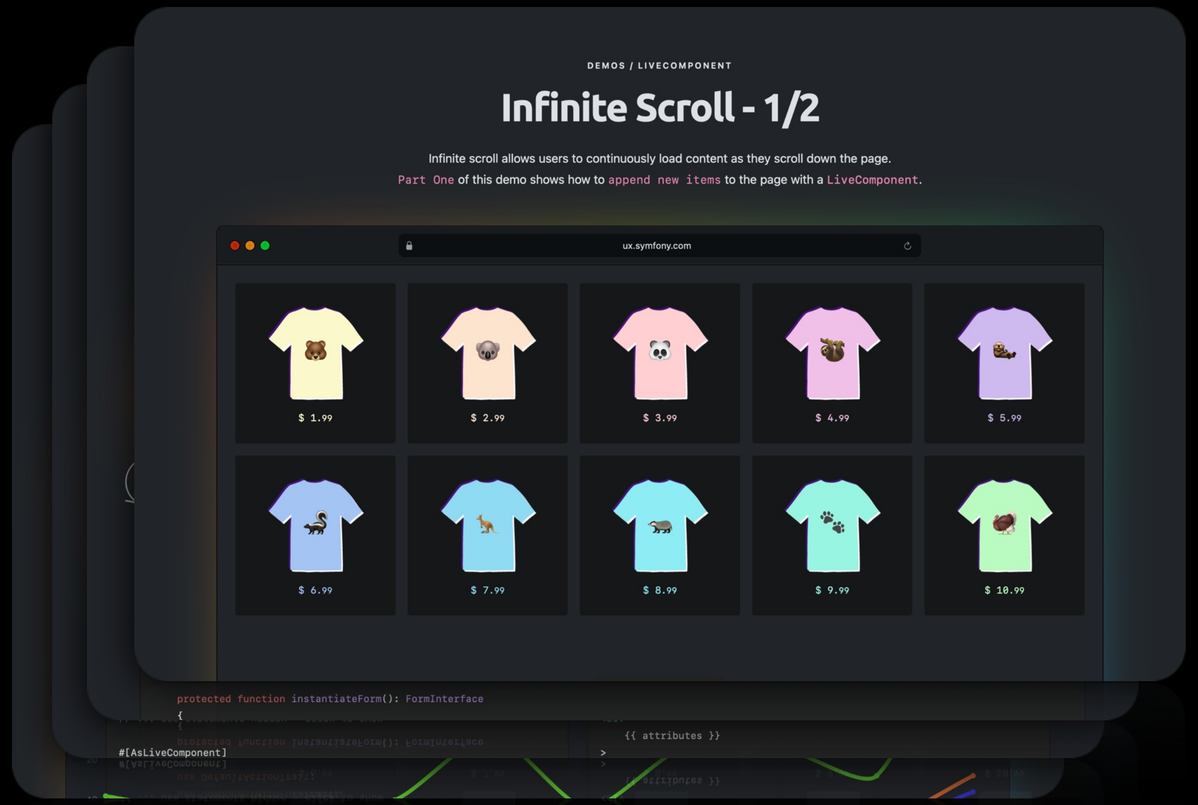
templates/components/TodoListForm.html.twig

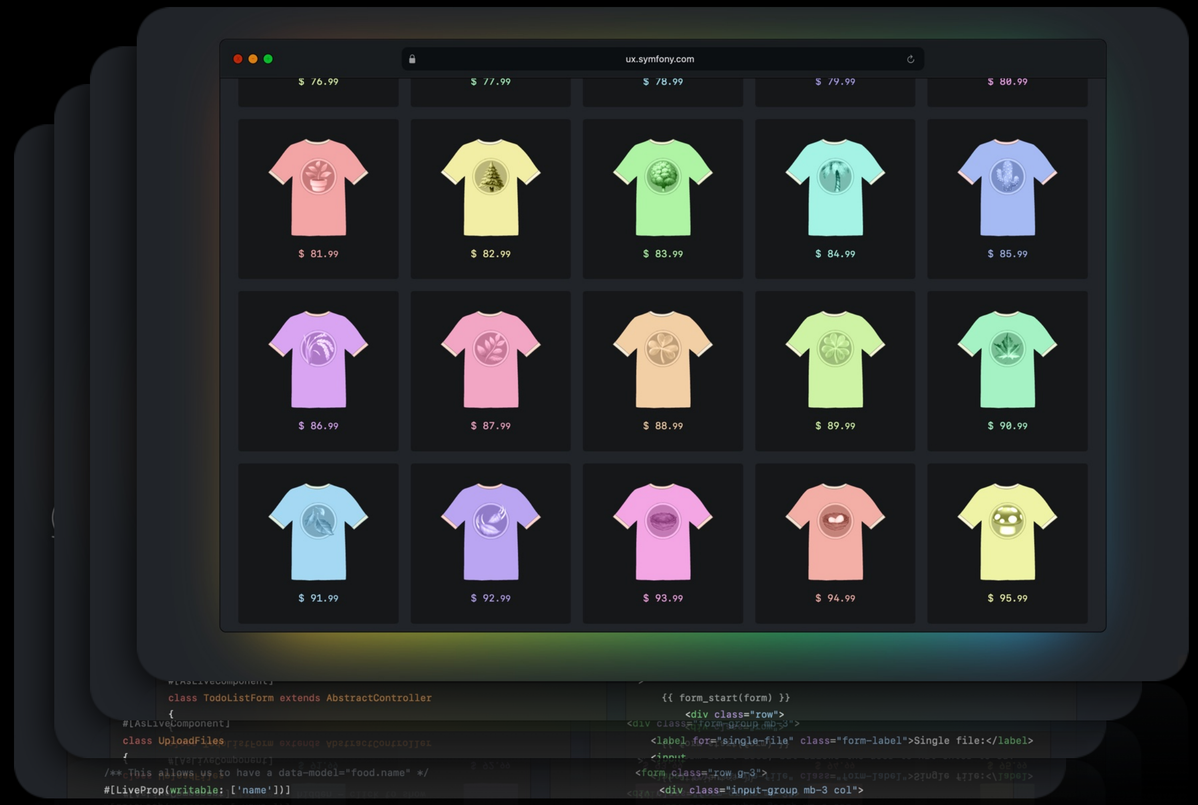
Copy

```
<div
    {{ attributes }}
>
    {{ form_start(form) }}
        <div class="row">
```

LIVE VERSATILE

# LIVE **DEMOS**



# LIVE **DEMOS**

https://ux.symfony.com/demos

# CREATE **A GAME** ?

# CREATE **A GAME** WITHOUT **JS** ?

# CREATE **A GAME** WITHOUT WRITING **JS** ?

# YES

# YES

(Don't try this at home)

# LIVE MEMORY

MOVES 0

CARDS 0/6

TIMER 20

SCORE 0

MOVES 10

CARDS 4/6

TIMER 10

SCORE 600

MOVES 42

CARDS 6/20

TIMER 30

SCORE 3000

MOVES 52 | CARDS 12/12 | TIMER 03 | SCORE 3600

# YOU WIN!

| | |
|---|---|
| SCORE | 3600 |
| TIME BONUS | +1075 |
| MOVE BONUS | +0 |
| TOTAL | 4675 |

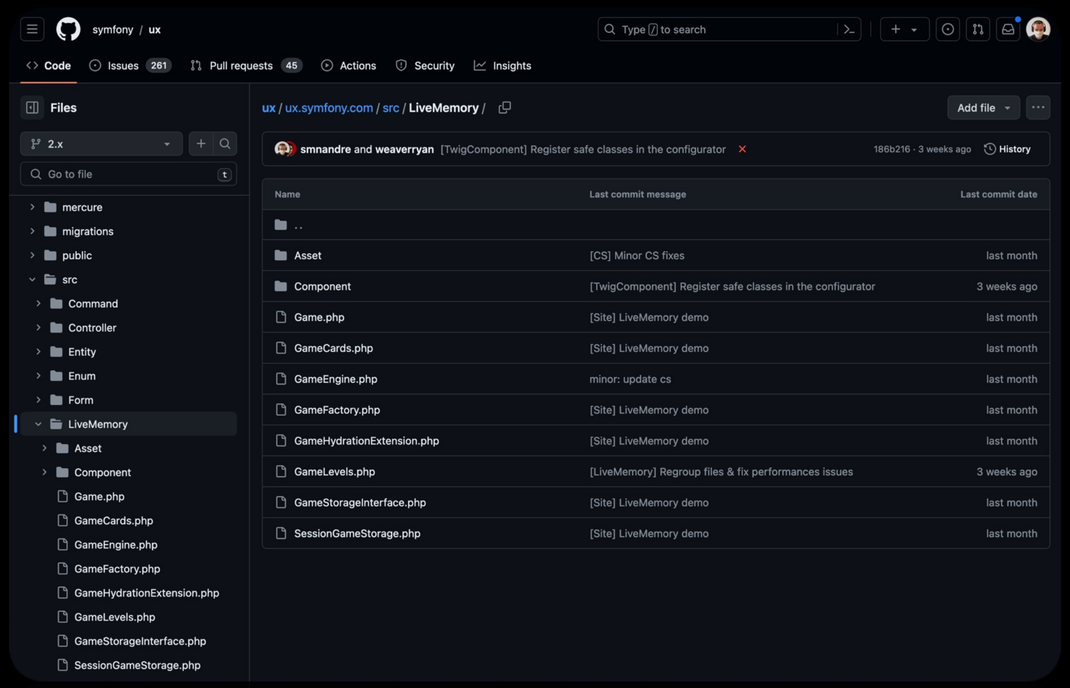
NEXT LEVEL

# LIVE **MEMORY**

ux.symfony.com/demos/live-memory

# LIVE **MEMORY**

ux.symfony.com/demos/live-memory




github.com/symfony/ux

# LIVE

# EXPERIENCE

# USER

# EXPERIENCE

As we explore the **three** important **keys** to unlocking the psychology of **UX design**, remember: it's all about creating **experiences** that resonate on a deeper, **emotional** level.

Source: https://www.guvi.in/blog/psychology-of-ux-design/

# EMOTIONAL **IMPACT**

LIVE EXPERIENCE

# EMOTIONAL **IMPACT**

# MICRO **INTERACTIONS**

# MICRO INTERACTIONS

In the psychology of **UX design**, these tiny details can make a **big difference**, turning an ordinary **experience** into something **memorable**.

# MICRO INTERACTIONS

**FORM**
VALIDATION

**LIVE**
UPDATES

**LAZY**
LOADING

# PERSONALIZATION

# PERSONALIZATION

**Personalization** is not just about using technology (...)

it's about using that **technology** to create a more

**humane** and **empathetic** user experience.

# PERSONALIZATION

**CUSTOM**
SUGGESTIONS

**TIME**
MANAGEMENT

**USER**
PREFERENCES

# DEV

# EXPERIENCE

# FRONT **STACK**

RECACT
REPACT
VUE?
VIUE
VET
NPM
HDEP
JEST
NPX
VEST
NEAN
BP SIX
BAAL
VEIP
TITELE
TYPIES

~~FRONT STACK~~

# DAILY **STACK**

# DEV **TOOLS**

- Request / Response
- Performance
- Validator
- Forms
- Exception
- Logs 1
- Events
- Routing
- Cache
- Translation
- Twig
- Twig Components
- HTTP Client
- Doctrine
- Debug
- Notifications
- Serializer
- Mercure
- Configuration

Profiler settings

## Request Attributes

| Key | Value |
|---|---|
| _component_name | "LiveMemory:Board" |
| _controller | "App\LiveMemory\Component\Board::flip" |
| _live_action | "flip" |
| _live_component | "LiveMemory:Board" |
| _live_request_data | [▼<br>"props" => [▼<br>"game" => "1C9ZSHSiKQC3QW4k6r4hfN"<br>"@attributes" => [▼<br>"id" => "live-2882397525-0"<br>]<br>"@checksum" => "ysSz8JDSXXUS63rQTttyZuF/9mcEJKYaL2T78Dk+/J0="<br>]<br>"updated" => []<br>"args" => [▼<br>"key" => 0<br>]<br>"actions" => []<br>"children" => [▼<br>"live-1006035802-live-memory-timer--1C9ZSHSiKQC3QW4k6r4hfN" => [▼<br>"fingerprint" => ""<br>"tag" => "div"<br>]<br>]<br>"propsFromParent" => []<br>] |
| _mounted_component | Symfony\UX\TwigComponent\MountedComponent {#717 ▼<br>-name: "LiveMemory:Board" |

| | | | |
|---|---|---|---|
| LiveMemory:Card | [Anonymous] | 8.0 MiB | 0.48 ms |
| LiveMemory:Card | [Anonymous] | 8.0 MiB | 0.14 ms |

**Input props**

```
[▼
  "key" => 1
  "front" => "12"
  "back" => "blue"
  "selected" => false
  "flipped" => false
  "matched" => false
  "paired" => false
  "unflipped" => false
]
```

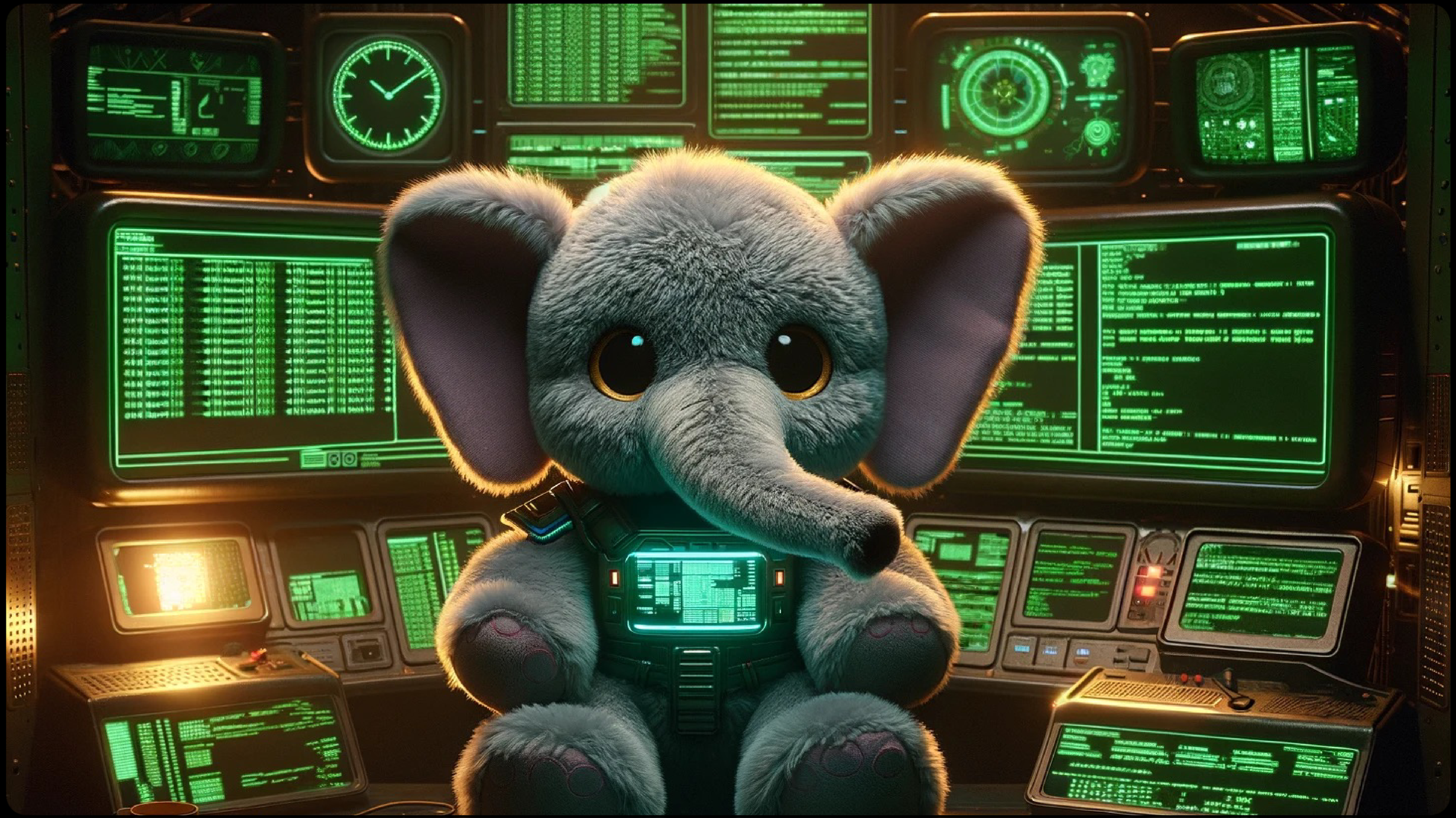
**Attributes**

```
[▼
  "key" => 1
  "front" => "12"
  "back" => "blue"
  "selected" => false
  "flipped" => false
  "matched" => false
  "paired" => false
  "unflipped" => false
]
```

**Component**

```
Symfony\UX\TwigComponent\AnonymousComponent {#1883 ▼
  -props: [▶]
}
```

| | | | |
|---|---|---|---|
| LiveMemory:Card | [Anonymous] | 8.0 MiB | 0.13 ms |
| LiveMemory:Card | [Anonymous] | 8.0 MiB | 0.13 ms |



# WEB

# PERFORMANCE

# WEB

# PERFORMANCE

SymfonyHub "Symfony: The Fast Track", a new book to learn Symfony 6 Connect

Symfony About Documentation Services Blog Download

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**SymfonyLive Paris 2024** 28-29 mars Événement francophone annuel +25 sujets et formations

## Symfony is a set of reusable PHP *components*...

The standard foundation on which the best PHP applications are built. Choose any of the 50 stand-alone components available for your own applications.

**Browse components**

## ... and a PHP *framework* for web projects

Speed up the creation and maintenance of your PHP web applications. End repetitive coding tasks and enjoy the power of controlling your code.

**What is Symfony**

### Getting Started with Symfony

- Read **the docs**
- Read **the official book** (translated into many languages)
- Watch **the video course**


platform.sh

The Official Symfony Cloud Platform

The best way to host your Symfony projects

GET STARTED

Read the docs


```
W:   - Installing symfony/dotenv (v4.1.6): Downloading (100%)
W:   - Installing symfony/phpunit-bridge (v4.1.6): Downloading (100%)
W:   - Installing symfony/web-profiler-bundle (v4.1.6): Downloading (1
00%)
W:   - Installing symfony/web-server-bundle (v4.1.6): Downloading (100
%)
W: Generating optimized autoload files
W: + composer show symfony/flex
W: + scenv composer run auto-scripts
W: Executing script cache:clear [OK]
W: Executing script assets:install --symlink --relative public [OK]
W: Executing script security-checker security:check [OK]
W:
W: + [[ -d var/cache/prod ]]
W: + mkdir -p tmp/cache
W: + mv var/cache/prod tmp/cache/

Executing pre-flight checks...
```

SymfonyHub "Symfony: The Fast Track", a new book to learn Symfony 6 Connect

Symfony About Documentation Services Blog Download sponsored by SensioLabs

SymfonyLive Paris 2024 28-29 mars Événement francophone annuel +25 sujets et formations

## Symfony is a set of reusable PHP *components*...

The standard foundation on which the best PHP applications are built. Choose any of the 50 stand-alone components available for your own applications.

Browse components

## ... and a PHP *framework* for web projects

Speed up the creation and maintenance of your PHP web applications. End repetitive coding tasks and enjoy the power of controlling your code.

What is Symfony

### Getting Started with Symfony

- Read **the docs**
- Read **the official book** (translated into many languages)
- Watch **the video course**

platform.sh

The Official Symfony Cloud Platform

The best way to host your Symfony projects

GET STARTED

Read the docs

```
W:   - Installing symfony/dotenv (v4.1.6): Downloadi
W:   - Installing symfony/phpunit-bridge (v4.1.6): D
W:   - Installing symfony/web-profiler-bundle (v4.1.6
00%)
W:   - Installing symfony/web-server-bundle (v4.1.6)
%)
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W:
W: + [[ -d var/cache/prod ]]
W: + mkdir -p tmp/cache
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Executing pre-flight checks...
```

# 97 /100

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Mobile Bureau

| Performances | Accessibilité | Bonnes pratiques | SEO |
|---|---|---|---|
| 97 | 92 | 100 | 100 |

97

Performances

Les valeurs sont estimées et peuvent varier. Le calcul du score lié aux performances repose directement sur ces statistiques. Affichez la calculatrice.

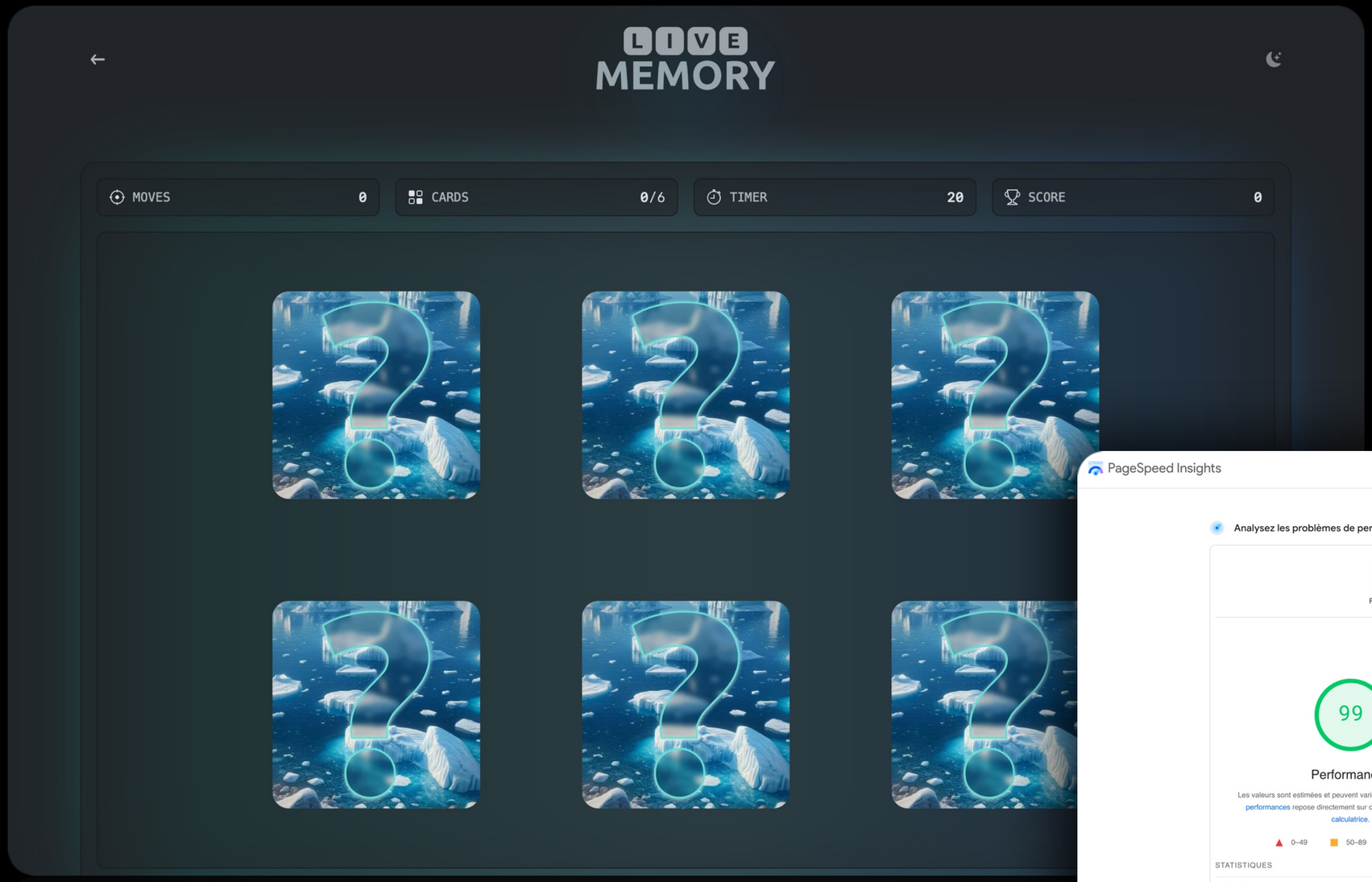
0–49 50–89 90–100

STATISTIQUES Développer la vue

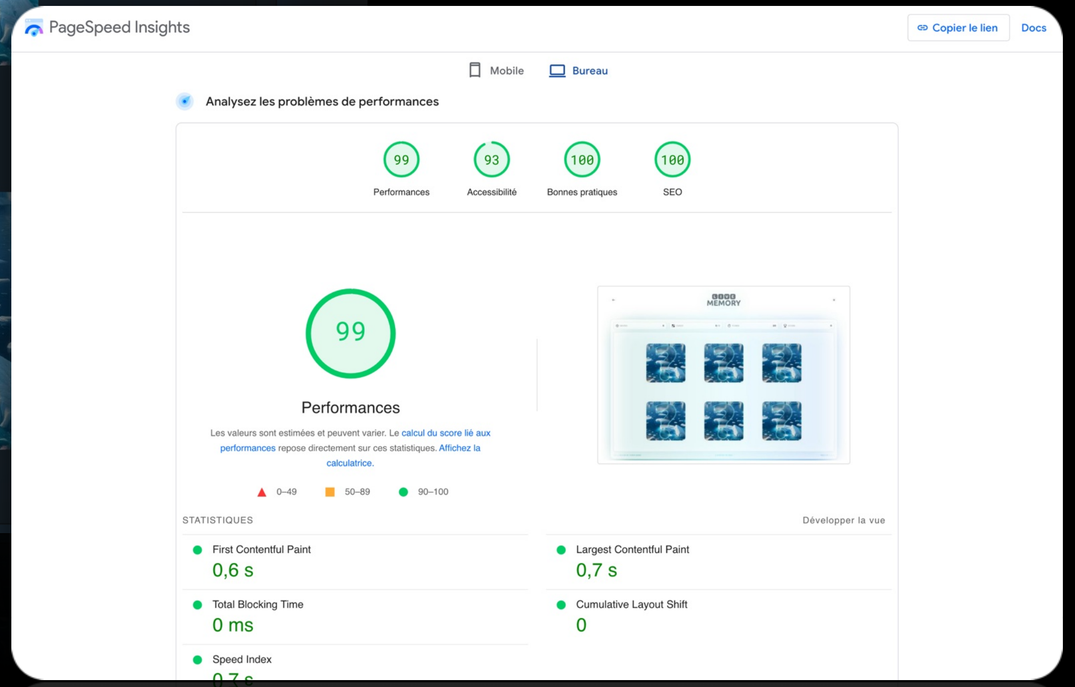
| | |
|---|---|
| First Contentful Paint 0,7 s | Largest Contentful Paint 0,8 s |
| Total Blocking Time 0 ms | Cumulative Layout Shift 0.086 |
| Speed Index 0,9 s | |

# LIVE MEMORY

| MOVES | CARDS | TIMER | SCORE |
|---|---|---|---|
| 0 | 0/6 | 20 | 0 |


LIVE
MEMORY
MOVES 0
CARDS 0/6
TIMER 20
SCORE 0

# 99 /100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Analysez les problèmes de performances
99
Performances
93
Accessibilité
100
Bonnes pratiques
100
SEO
99
Performances
Les valeurs sont estimées et peuvent varier. Le calcul du score lié aux performances repose directement sur ces statistiques. Affichez la calculatrice.
0–49
50–89
90–100
STATISTIQUES
Développer la vue
First Contentful Paint
0,6 s
Largest Contentful Paint
0,7 s
Total Blocking Time
0 ms
Cumulative Layout Shift
0
Speed Index

Symfony *ux*

Turbo Live Components Packages Demos

CURATED BY SYMFONY

# JavaScript tools you can't live without.

A set of PHP & JavaScript packages to solve every day frontend problems featuring Stimulus and Turbo.

```
// I need to create PHP classes that ren
```

## Install it

```
$ composer require symfony/asset-mapper symfony/stimulus-bundle
```

- assets
  - bootstrap.js
  - app.js
  - controllers.json
  - controllers
    - hello_controller.js
  - styles

Symfony ux

Turbo Live Components Packages Demos

CURATED BY SYMFONY

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  - controllers
    - hello_controller.js
  - styles

# 100 /100

PageSpeed Insights

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Mobile Bureau

| Performances | Accessibilité | Bonnes pratiques | SEO |
|---|---|---|---|
| 100 | 100 | 100 | 100 |

100

Performances

Les valeurs sont estimées et peuvent varier. Le calcul du score lié aux performances repose directement sur ces statistiques. Affichez la calculatrice.

0–49 50–89 90–100

STATISTIQUES

Développer la vue

| | |
|---|---|
| First Contentful Paint 0,7 s | Largest Contentful Paint 0,7 s |
| Total Blocking Time 10 ms | Cumulative Layout Shift 0.009 |
| Speed Index 0,7 s | |

# CONCLUSION

# LIVE

# COMPONENT

# LIVE

# COMPONENT

# LIVE

# COMPONENT

# LIVE

LIVE

# LIVE

# INTEGRATION

# LIVE

# VERSATILE

# LIVE

# EXPERIENCE

# THREE

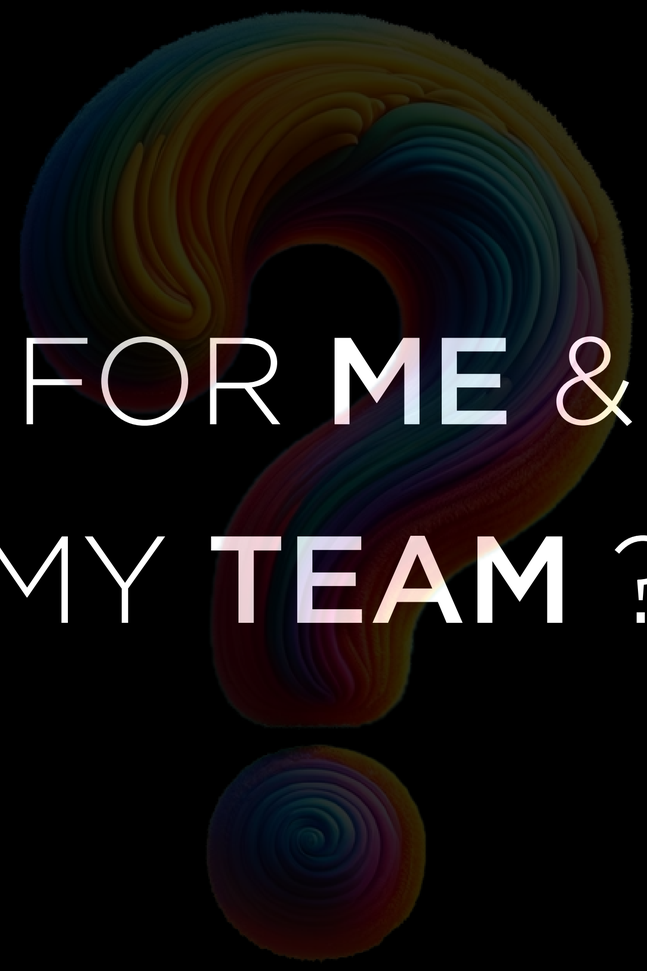
# QUESTIONS

# FOR MY

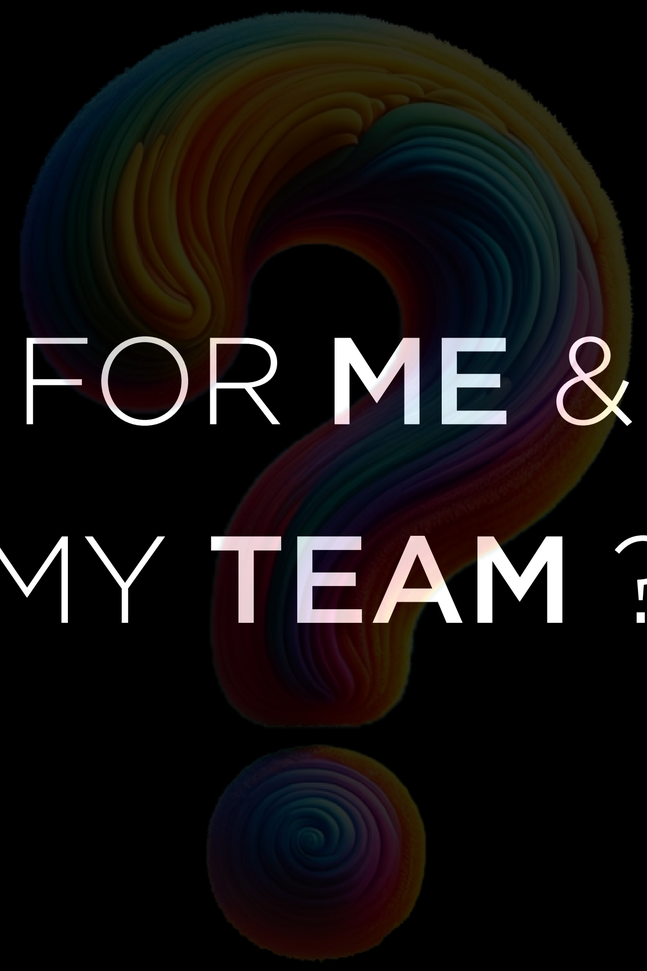
# PROJECT / CLIENT ?

# FOR MY

# PROJECT / CLIENT ?



# FOR **ME** & MY **TEAM** ?



# FOR **ME** & MY **TEAM** ?

# FOR **TODAY**

# OR **TOMORROW** ?

# FOR **TODAY**

# OR **TOMORROW** ?

# FOR **TODAY**

# OR **TOMORROW** ?

# ONE

# QUESTION

# READY TO **LIVE** THE EXPERIENCE ?

# THE **END**

THANK YOU

# QUESTIONS?

THANK YOU

# FEEDBACK?

smn.andre@gmail.com

# THANK **YOU**

SymfonyOnline
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JUNE 6 - 7, 2024