

# Symphony Live London 2019



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# Chapter 1: Introducing Symfony Notifier (Fabien Potencier)

Tip

Symfony Live London 2019 presentation by [Fabien Potencier](#).

## **Talk Abstract**

In this talk, lead developer of Symfony - Fabien Potencier - talks about the "Back to Basics" road in Symfony: making the full Symfony experience smooth from development to deploy. Along this path, he introduces the latest new Symfony component: Symfony Notifier - a full solution for "notifications" that are sent by email, SMS or chat systems.

# Chapter 2: Queues, busses and the Messenger component (Tobias Nyholm)

Tip

Symfony Live London 2019 presentation by [Tobias Nyholm](#).

## **Talk Abstract**

Message queues are the perfect way to decentralize your application. You may use them for communication, scheduling and decentralization of your application. With help from a message queue you may decouple your application from the framework and the infrastructure. Which means that your app is written in pure PHP and not Symfony/Laravel/Yii etc.

With some smart configuration on your message bus you may put the message queue outside of your application and you may leverage from a decentralized and asynchronous system.

This talk will quickly go through the basics of queues, hexagonal design and show proof of concept with Symfony's Messenger component.

# Chapter 3: Restless microservices with Symfony (Neal Brooks)

Tip

Symfony Live London 2019 presentation by [Neal Brooks](#).

## **Talk Abstract**

When we think about microservices we usually imagine a bunch of self-contained and job-focused applications, each specifying and managing their own boundaries and dependencies, and talking to each other over HTTP / REST APIs.

Used in the right context, the microservice architecture can deliver number of great benefits to a business. But those benefits come with tradeoffs.

Unfortunately a lot of people find out too far down the road just how difficult REST-based microservices can be to implement and maintain.

In this presentation we'll dig into the structure of microservices, think about the major pros and cons, and see if we can tweak it into something a bit more developer-friendly without losing the benefits.

Then we'll see how MyBuilder.com have tackled the problem in the real world using Symfony, keeping services isolated and testable while addressing some of the challenges that many people face when trying to adopt such a pattern.

# Chapter 4: HTTP Client: What Else? (Nicolas Grekas)

Tip

Symfony Live London 2019 presentation by [Nicolas Grekas](#).

## **Talk Abstract**

In this talk, Nicolas introduces us to Symfony's new HTTP Client component: how to use it, its asynchronous superpowers and what makes it special.

# Chapter 5: Things you will need to know when Doctrine 3 comes out (Denis Brumann)

Tip

Symfony Live London 2019 presentation by [Denis Brumann](#).

## **Talk Abstract**

Doctrine ORM is probably the most used database abstraction in PHP. With Doctrine 3 on the horizon it's a perfect time to look at how Doctrine has changed and will change and what this means for you as users. This talk looks at some of the already merged features for Doctrine 3 that could have an impact on your code and why they might prevent you from upgrading. I will show approaches for tackling these changes and how your projects might benefit from introducing them already.

# Chapter 6: Boost your Symfony apps with HTTP/2 and HTTP/3 (Kévin Dunglas)

Tip

Symfony Live London 2019 presentation by [Kévin Dunglas](#).

## **Talk Abstract**

HTTP/2 and HTTP/3 can improve the loading time of webpages up to 2 times. Did you know that it's very easy to optimize your Symfony applications to leverage the advanced features of this new protocol? The talk agenda:

- a historically contextualized presentation of the different versions of the HTTP protocol;
- a state of the protocol support in the PHP ecosystem;
- a guide explaining how to serve your PHP and Symfony apps with h2, using Nginx, Apache and Docker;
- many code samples showing how to use h2 to improve the loading time of your assets and APIs using the WebLink component and Twig
- examples of how to take advantage of the protocol using the brand new HttpClient Component
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# Chapter 7: Symfony Checker is coming (Valentine Boineau)

Tip

Symfony Live London 2019 presentation by [Valentine Boineau](#).

## **Talk Abstract**

Have you ever heard of the PHP AST? Maybe not... CFG and SSA? Probably not! In this talk, I will introduce these cool algorithms, how they are used in code quality analysis and how we leveraged them in a project I'm working on: the Symfony Checker.



# Chapter 8: Demystifying React for Symfony developers (Titouan Galopin)

Tip

Symfony Live London 2019 presentation by [Titouan Galopin](#).

## **Talk Abstract**

The world of Javascript is vast and exciting... but it can also be quite scary! It is an innovative world in which new technologies appear all the time, which can make it difficult for developers to keep up to date.

One of the most famous of these technologies is probably React. It changed the way we conceive User Interfaces, both in the browser and in mobile applications. But understanding it can be challenging: let's demystify it together so that you can enter the world of Javascript with confidence!

# Chapter 9: Feeling unfulfilled by SPA promises? Go back to Twig. (Dan Blows)

Tip

Symfony Live London 2019 presentation by [Dan Blows](#).

## **Talk Abstract**

We've all heard the benefits of building a client-side app in JavaScript that talks to a server-side REST API. But often this approach introduces a lot of accidental complexity, without really delivering the gains. How can you get the best of both worlds? In this talk, I'll show how to get the simplicity of server-side rendering with the architectural and performance improvements of an SPA.

# Chapter 10: Symfony QA (Jakub Zalas)

Tip

Symfony Live London 2019 presentation by [Jakub Zalas](#).

## **Talk Abstract**

Static analysis is performed on source code without actually executing it. Being a good companion for code reviews it is often used for quality assurance as part of continuous integration. It can also play an invaluable role when diving into an unfamiliar code base.

Due to its ruthless nature, static analysis lets the team to focus on business problems, rather than arguing typos. It will also point out design issues, possible maintenance problems or bugs. Should we trust it blindly though?

In this talk, Jakub will explain how to incorporate static analysis into a Symfony project to get a better understanding of applications' quality.

# Chapter 11: BDD Your Symfony Application (Kamil Kokot)

Tip

Symfony Live London 2019 presentation by [Kamil Kokot](#).

## **Talk Abstract**

Behaviour Driven Development helps bridge the communication gap between business and IT. Having testable specifications is a desirable side effect. This talk will explain the basics of BDD methodology, best practices for writing Cucumber scenarios and how to integrate Symfony with Behat by using a new emerging solution - FriendsOfBehat's SymfonyExtension. I will share the practical insights distilled from 4 years of developing and maintaining the biggest open-source Behat suite which is a part of Sylius.

# Chapter 12: SymfonyCloud: the infrastructure of the Symfony ecosystem (Tugdual Saunier)

Tip

Symfony Live London 2019 presentation by [Tugdual Saunier](#).

## **Talk Abstract**

You don't know it yet but you are already using SymfonyCloud every day! Since 2018, the infrastructure of the Symfony community gradually migrated to SymfonyCloud. Let me show you what happens behind the scene and how we leverage every SymfonyCloud features to move faster.

# Chapter 13: Migrating to Symfony one route at a time (Steve Winter)

Tip

Symfony Live London 2019 presentation by [Steve Winter](#).

## **Talk Abstract**

We recently acquired a new client and a new project. Unfortunately this was built in a fairly old version of a framework we're not so familiar with.

There were several bugs to fix and plenty of new features the client wanted 'yesterday'!

Initially we attempted to build these using the existing codebase, but very quickly began running into dependency hell.

Our next attempt was to work through the migration pathway of that framework, but every time we tried to move forward something else seemed to go wrong, and with no tests that was pretty scary!

The client didn't have the budget for a complete rebuild so we began by building all new features in Symfony then as other functionality needed work moving that across as well.

In this session we'll look at the challenges we faced and how we resolved them to allow us to leave the legacy application doing what it does but still being able to work with current packages and methodologies for new development.

# Chapter 14: The fabulous World of Emojis and other Unicode symbols (Nicolas Grekas)

Tip

Symfony Live London 2019 presentation by [Nicolas Grekas](#).

## **Talk Abstract**

In the closing keynote, Nicolas will teach us about the fabulous world of Emojis and about Unicode in general. Using this foundation, Nicolas will then introduce Symfony's new String component, and the power that lies behind it.

