

e-commerce

Kick-off

T6 - PHP Frameworks

T-WEB-600

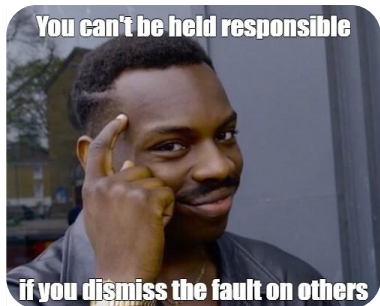
Installing service manually



- Time consuming.
- Hardly reproducible.
- Hard to maintain.
- Repetitive.



Installing services by other people?

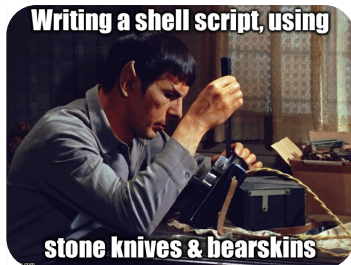


After a while, you may wonder:

- How can I replicate my setup?
- Is the documentation up-to-date?
- Is the documentation complete?
- Is there any documentation?



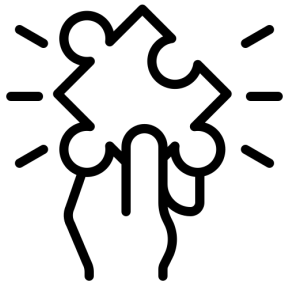
A solution... for real?



- Shell scripts can come immediately to mind.
- Can be very buggy.
- Can have bad error management.
- Hard to maintain for large infrastructures.



A real solution



- Once again, **container** it is the answer!
- **Configuration management**, another IT's branch.
- Describe the expected configuration in a static file.
- It ensures all the services reach the expected state.



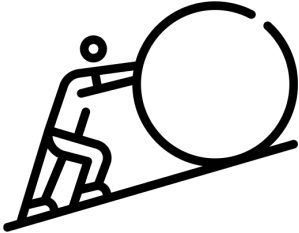
Why Docker?



- Independent production and development environment.
- Compatible with almost all operating systems.
- Simplified container movement.
- Allows automatic deployment with CD.



Development without framework



- Repetitive.
- Security problem.
- Complexity of unit tests.
- Must be adapted according to the DB.
- Creation of existing code.
- Complicated to maintain.



Development with Symfony



PHP framework based on a group of libraries

- Components can be used individually.
- Facilitates maintenance.
- Efficient.
- More flexibility.
- Expandable.
- Ease of debugging.
- Ease of unit testing.



Companies using them

Docker

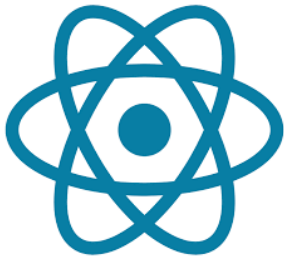
Uber
Google
Ebay
Lyft

Symfony

Spotify
Blablacar
Trivago
Dailymotion
National Geographic Travel (API)
Openclassroom



Development with React



React is a JavaScript library with a lot of components

- Reusable components.
- Unidirectional Data Flow.
- Large ecosystem.
- High performance.
- Large community.



Any questions

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