Framework-agnostic code

Stefano Torresi (@storresi)

Disclaimer

Opinionated content ahead,
take with a grain of salt.

To framework or not to framework?

This is *not* the question, forget about Shakespeare.

Everything is a trade-off

Pro: frameworks let you get started quickly.

Con: fast prototyping leads to sloppy design.

Everything is a trade-off

Pro: abstractions help solving common problems.
Con: leaky abstractions are problems on their own.

Everything is a trade-off

Pro: third-party code is not your responsibility

Con: third-party code is not under your control

In medio stat virtus

The web is simple

```
f(Request): Response
```

The UNIX philosophy

Do one thing and do it well.

The UNIX philosophy

Easy is complex, simple is hard.

PHP Standards Recommendations

- Made by php-fig.org.
- Compensate shortcomings of the PHP Stdlib.
- Provide implementation-agnostic conventions.

Examples

- PSR-3: Logging
- PSR-4: Autoloading
- PSR-7,15,17,18: HTTP
- PSR-11: DI containers

Demo time

Talk is cheap, show me the code.

Linus Torvalds

Conclusions

- Understand the costs of big third-party bundles
- Learn how decoupled small libraries can interact together
- Keep It Stupid Simple