The Shape of Things to Come

The Cyber Resilience Act and *Open Source Development*

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WORDCAMP PORTUGAL
PORTO 2026

11.334

Vulnerabilities in the
WP Ecosystem in 2025

10.359

Vulnerabilities
in Plugins in 2025

Hey 👋

Simon

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WordPress since 2008

Product @ Patchstack

Oh myyy

The Cyber Resilience Act (CRA)

The Cyber Resilience Act (CRA)

GDPR but for Security

The Cyber Resilience Act (CRA)

Regulates Products with digital Elements.

The Cyber Resilience Act (CRA)

Will apply in full as of December 2027...

The Cyber Resilience Act (CRA)

... but the obligation to report vulnerabilities and security incidents starts in September 2026 ✨

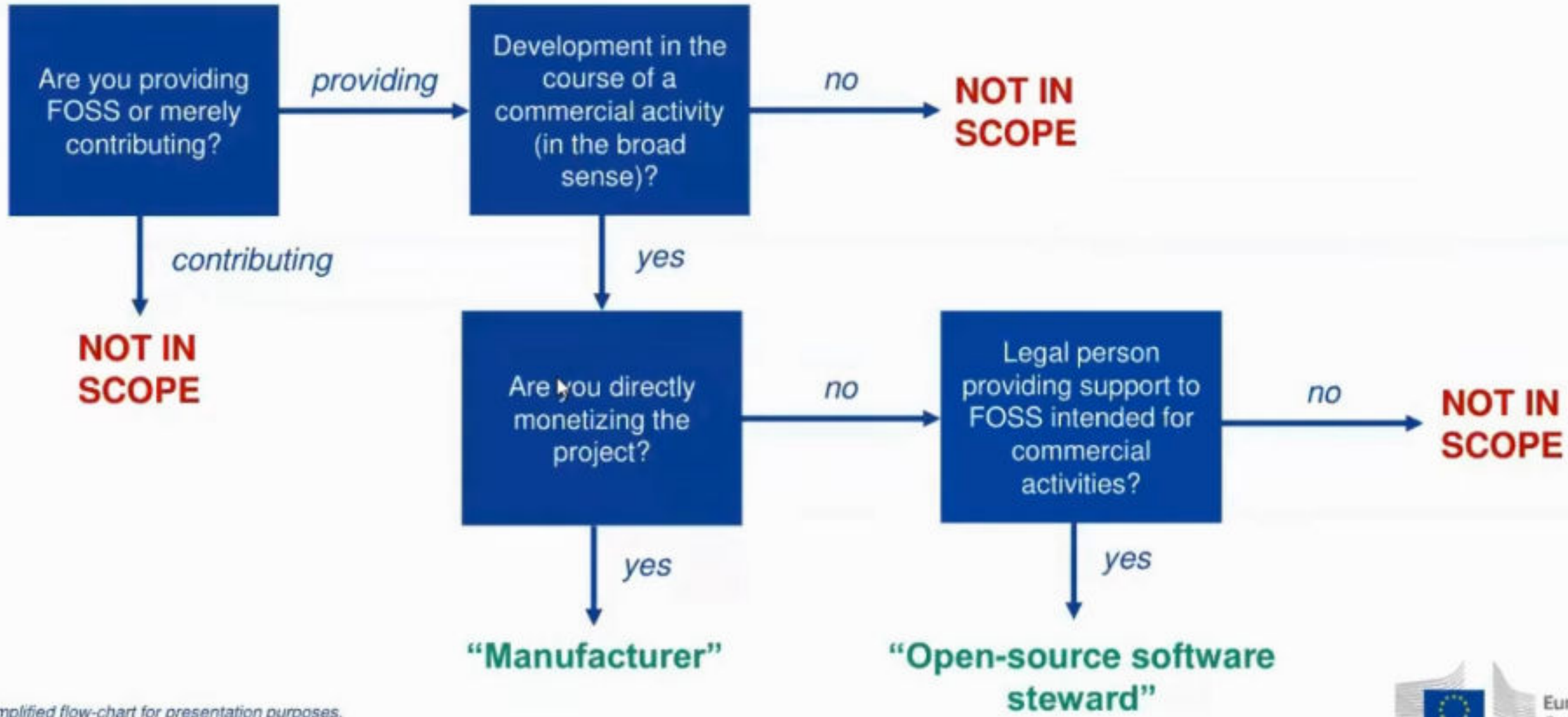
The Cyber Resilience Act (CRA)

open source software products are exempt*

Time for some CRA!

Details for Developers

Is your open-source project covered?*



* *Simplified flow-chart for presentation purposes.*

European Commission

Developers

Does your product fall under CRA?

- Only Maintainers + Stewards
- in the course of commercial activity and direct monetisation
- when providing support for FOSS intended for commercial activity

Developers / Agencies

Requirements

- available on the market without known exploitable vulnerabilities
- secure by default configuration (and a reset)
- vulnerabilities to be addressed through security updates
- Design, develop, and produce to limit attack surfaces

Developers / Agencies

Oh, there's more - Vulnerability Management

"identify and document vulnerabilities and components [...] including by drawing up a software bill of materials in a commonly used [...] format covering at the very least the top-level dependencies of the products"

Oh S...

SBOM

Developers / Agencies

What's SBOM?

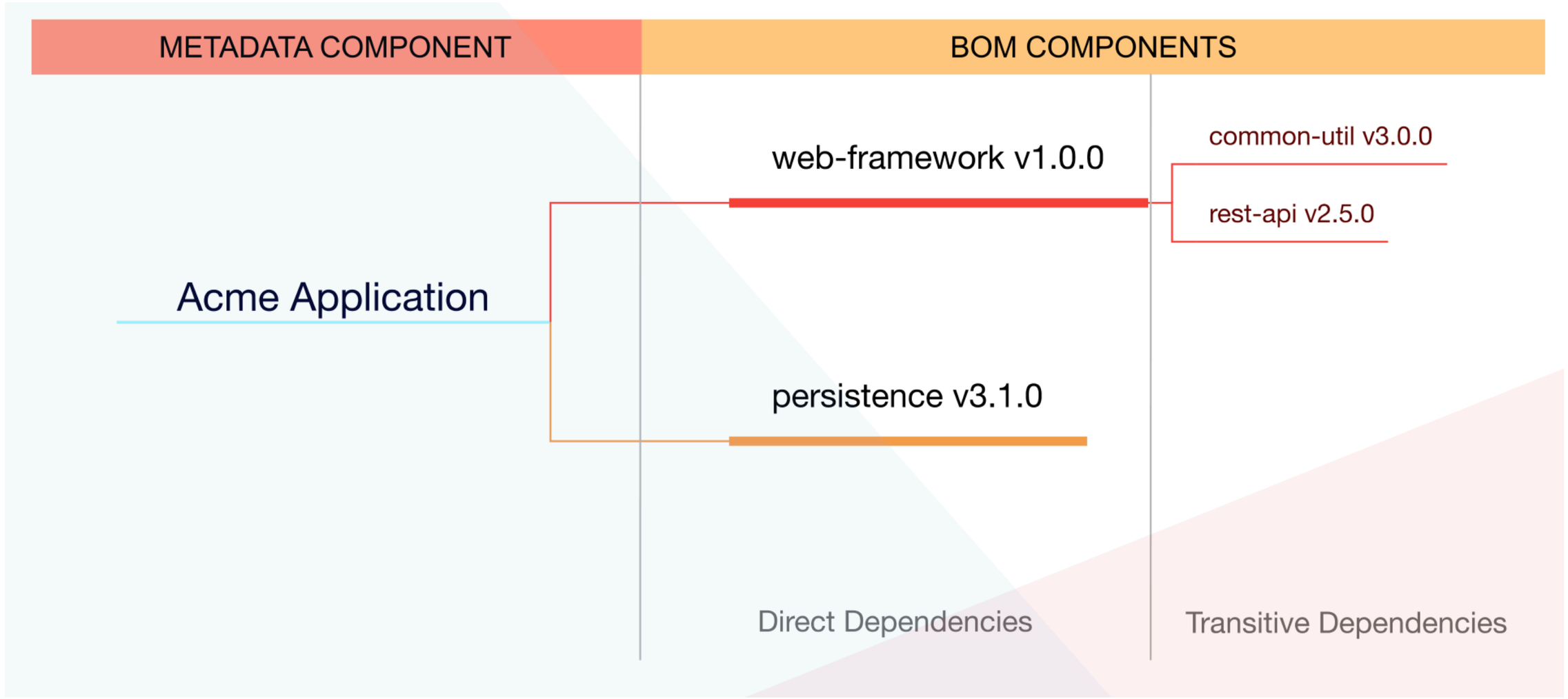
- Software Bill of Materials
- An ingredients list for software
- Supply chain security
- Automatically generated

Developers / Agencies

SBOM Standard(s)

- OWASP CycloneDX
- SPDX

CycloneDX Dependency Graph



...

No. of dependencies in WordPress Core?

2.571

No. of dependencies in WordPress Core!

Eh, there's still more - Vulnerability Management

- put in place and enforce a policy on coordinated vulnerability disclosure
- take measures to facilitate the sharing of information about potential vulnerabilities [...], including by providing a contact address for the reporting of vulnerabilities discovered [...]

Developers / Agencies

VDP's

- Vulnerability Disclosure Program
- sets parameters on how to handle disclosure

Developers / Agencies

mVDP's

- managed
- handle notifications and reporting
- ease of implementation for developers/agencies

How about some

Homework?

- [ ] Security by Design
- [ ] Join a mVDP
- [ ] Familiarise yourself with SBOMs

until Sept 2026

Tchau! 🤟

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Vulnerability Database

mVDP

Bonus Content

Patchstack's
State of WordPress Security 2026

Apendix

- https://patchstack.com/whitepaper/2025-mid-year-vulnerability-report/
- https://eur-lex.europa.eu/legal-content/DE/TXT/?uri=CELEX%3A32024R2847
- https://netzpolitik.org/2024/cyber-resilience-act-aufatmen-fuer-die-open-source-community/
- https://about.gitlab.com/de-de/blog/the-ultimate-guide-to-sboms/
- https://wordpress.org/plugins/protect-login
- https://wordpress.org/plugins/two-factor
- https://github.com/orcwg/cra-hub/blob/main/inventory.md