Project KOALA

TEA publication models

oej@edvina.net

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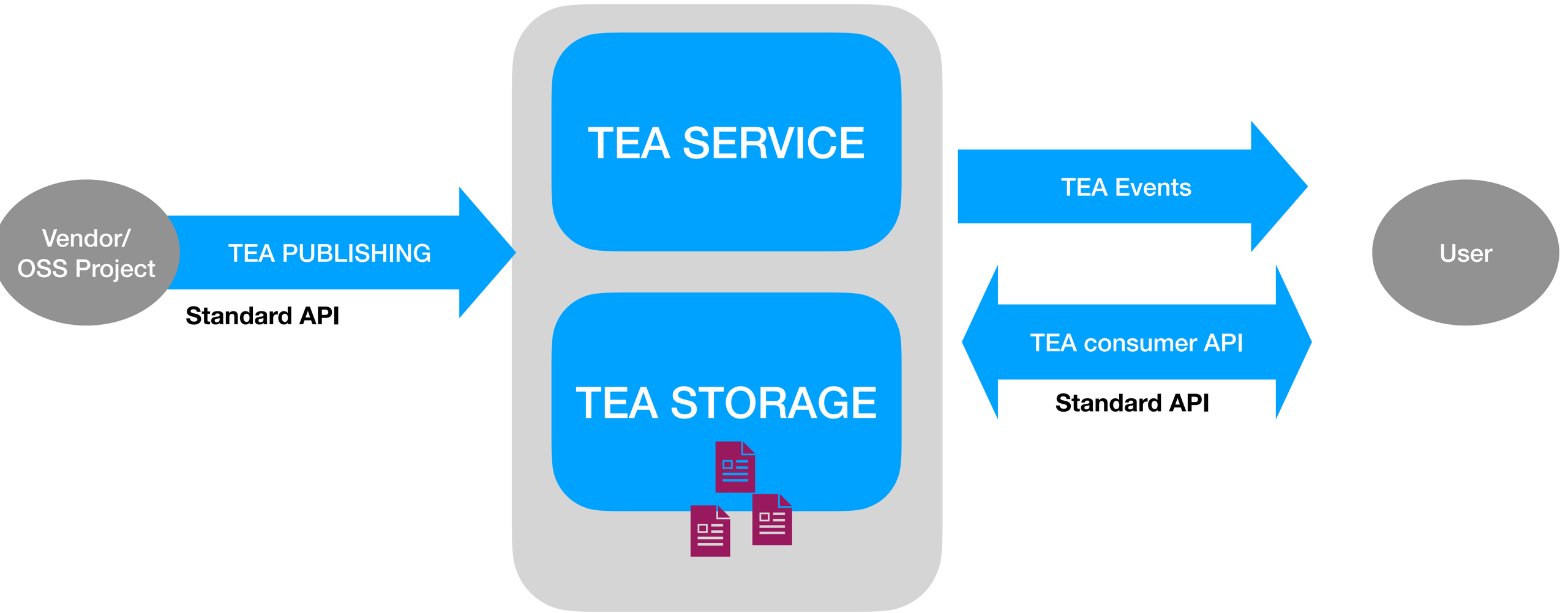
OWASP®

CycloneDX

A TEA platform



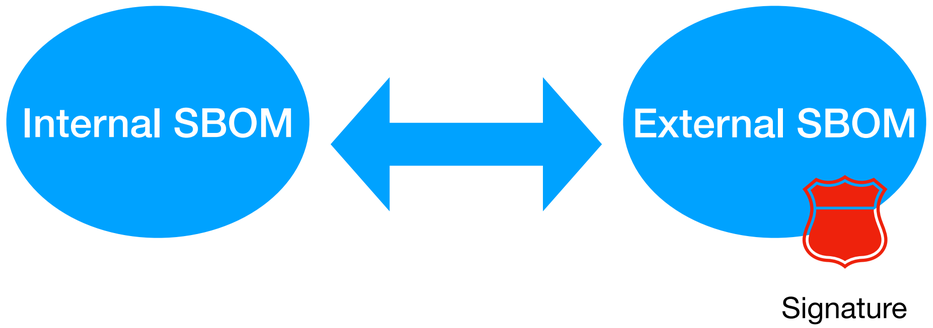
Types of “TEA-pots”

Internal compliance TEA SERVICE

Official customer TEA SERVICE

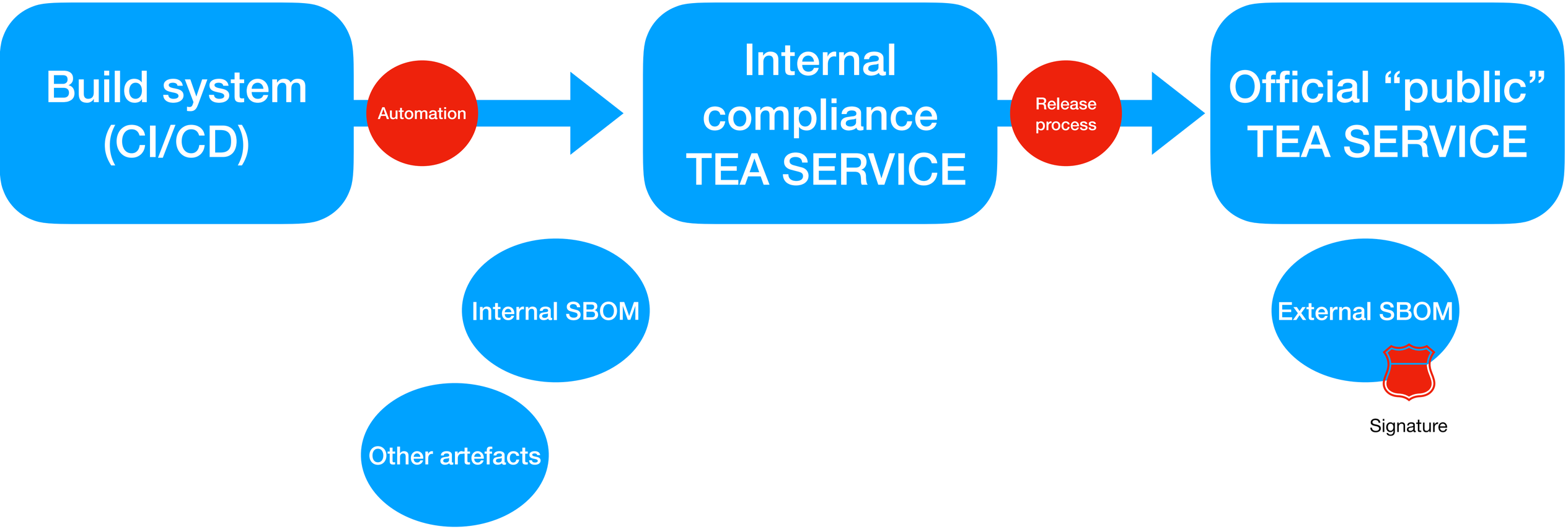
3rd party TEA Service

Hosted service



Signature

Example of a TEA Workflow



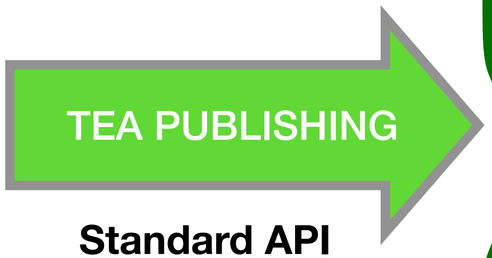
The publication process

Artefact generation

- SBOM generator
- Manual update of SBOMs
- VEX file generator
- VEX file triage
- ??? publication
- Other artefacts (Certificate of compliance)
- Automatic attestations (In-Toto, cycloneDX etc)

Artefact publication

- CLI client for CI/CD tool chains
- Web GUI
- “SBOM” Platform
- ???



Standard API

Focus on publication

CLI client for CI/CD tool chains

Web GUI

“SBOM” Platform

???

TEA PUBLISHING

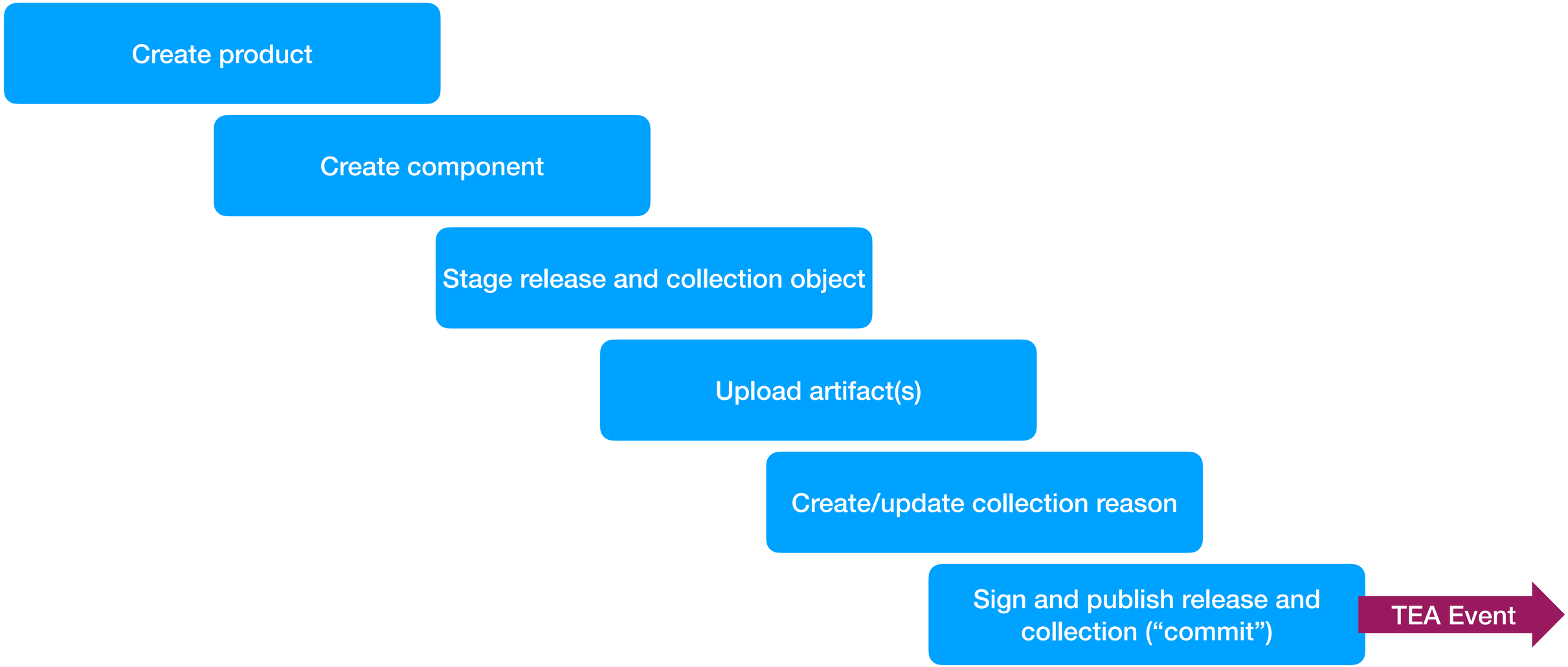
Standard API

The file transfer of artefacts may or may not be part of TEA publishing.

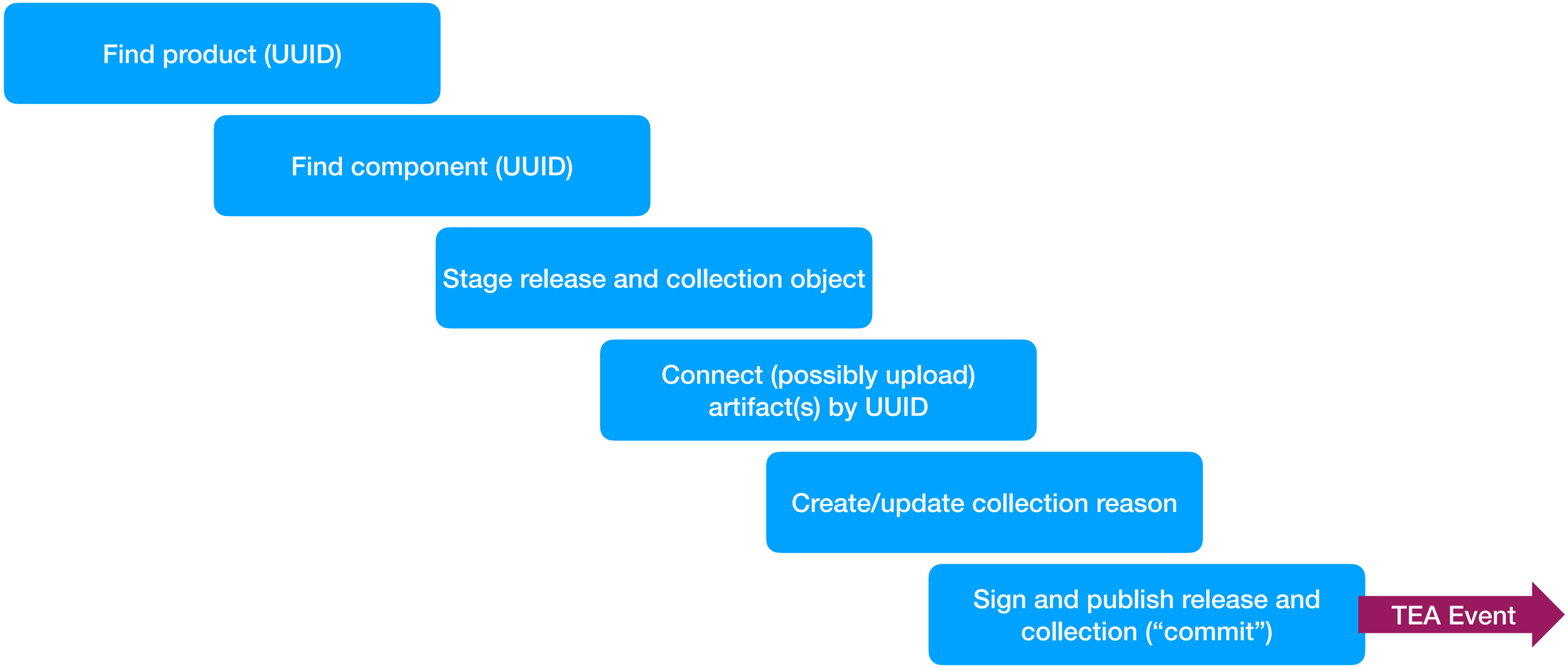
TEA SERVICE

TEA STORAGE

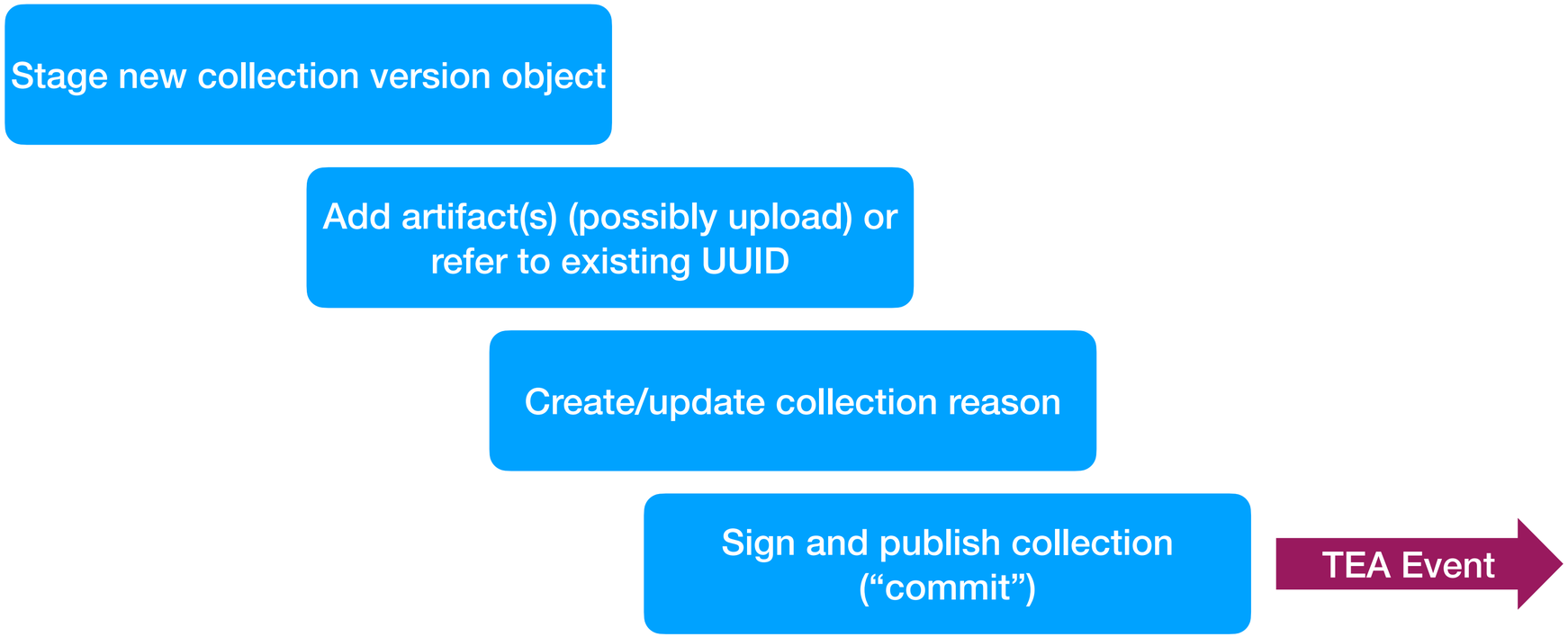
Publication process: new product and release



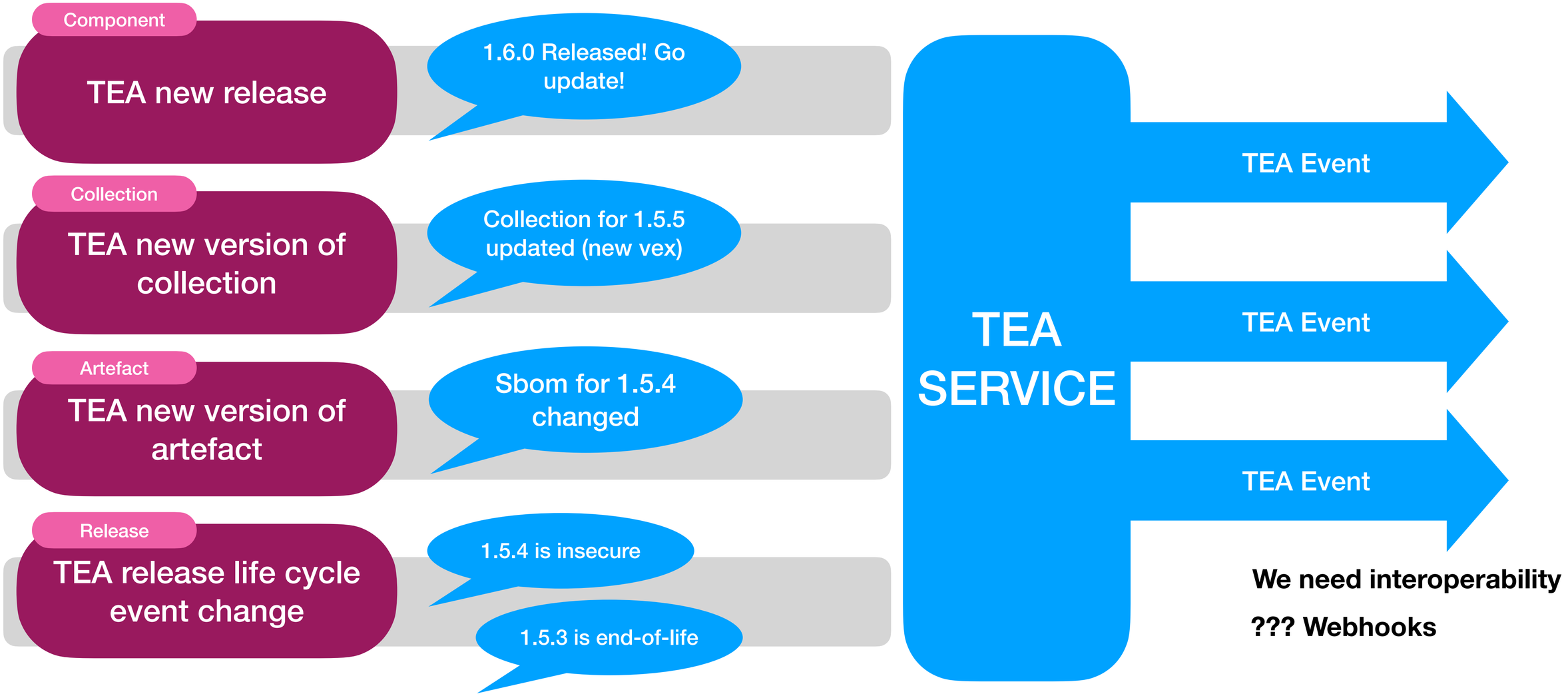
Publication process: new release of existing component



Publication process: new artifact for existing component release (update collection version)



Consumer subscribe to publication events



Join the work!

We are working on writing specifications for the API and the various formats.

Join the OWASP CycloneDX Transparency Exchange API working group today to participate.
We have a channel in the CycloneDX slack space to communicate.
Find all the links on our github page!

`https://github.com/CycloneDX/transparency-exchange-api`

`https://cyclonedx.org/about/participate/`

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