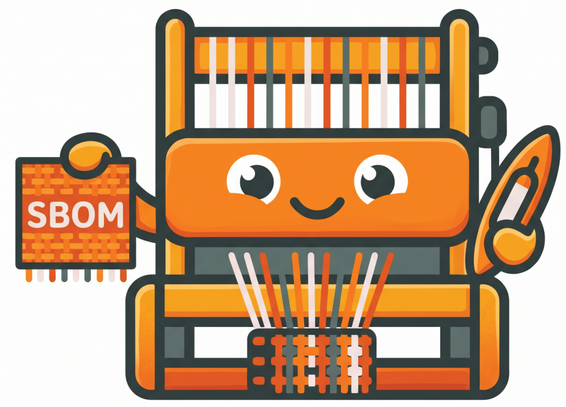
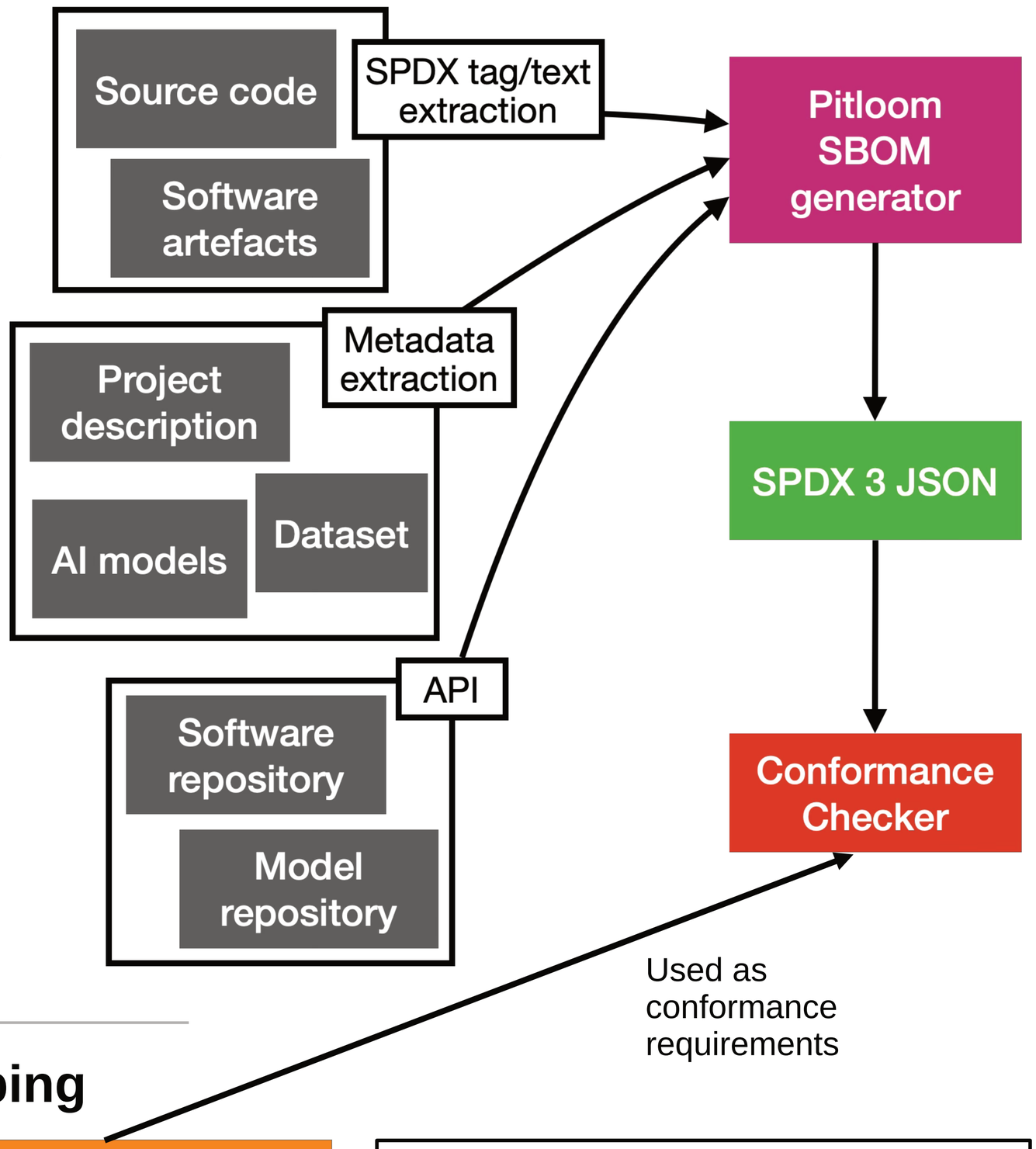
Pitloom – an open source SBOM generator for AI models and Python applications



- → Extract information from source code header, AI model/dataset metadata, code/model repository
- → Records provenance of information, conflicts
- → Output in standard SPDX 3 JSON (JSON-LD) format and follows Python PEP 770
- → Output ready for SBOM Minimum Elements check
- → Available as GitHub Action, standalone tool, and Python API
- → Apache License, Version 2.0



G7 SBOM for AI – SPDX 3.1 mapping

G7 SBOM for AI	SPDX 3
System name	`Package.name`
System version	`Package.version`
Intended application area	`Package.intendedUse`
Model identifier	`AIPackage.externalIdentifier` (*cpe23, packageUrl, swhid* types)
Model producer	`AIPackage.creationInfo .createdBy`
Model license	*hasDeclaredLicense* and *hasConcludedLicense* relationships
Dataset content	`DatasetPackagee.datasetType File.contentType`

Download

```
pip install pitloom

https://github.com/bact/pitloom
```

Contact

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