2nd meeting open source tooling for open source compliance work group

Agenda

Top	Name	Actors
1.	News	All
2.	Introduction of the existing work	All
3.	Areas to focus on	Oliver
4.	Next steps	All

　　　　　　Oliver Fendt

News

- We have a logo

- First version of the website is online https://oss-compliance-tooling.org/

- Presentation template available in impress format: https://github.com/Open-Source-Compliance/Sharing-creates-value/tree/master/Templates

- New contribution from Michael Picht Vulas and CLA assistant were added to the tools – Thank you Michael

- Events
  - Past Events
    - OSS Summit NA
  - Upcoming Events
    - OSS working team meeting of BITKOM
    - OSS Summit Europe in Lyon

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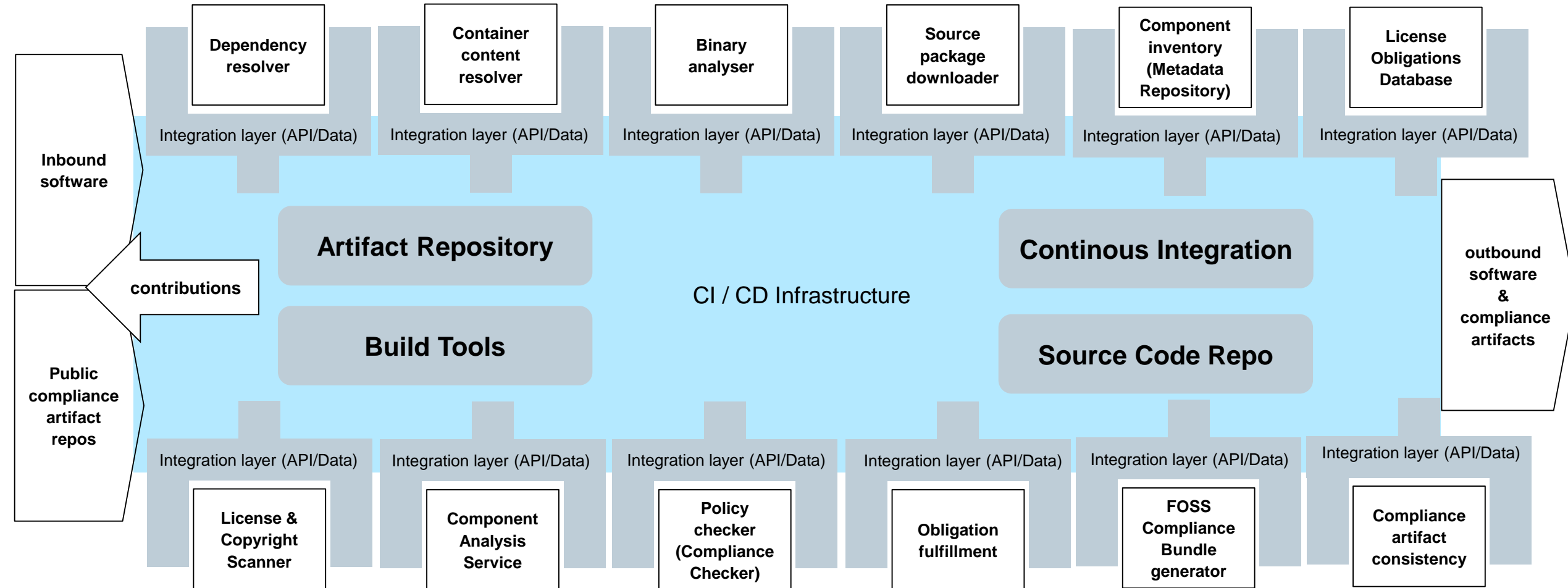# Integrated, automated – end to end OSS compliance toolchain made with OSS

To build an integrated end to end compliance toolchain is not about to build a monolithic monster, it is about to use current available Open Source tools and define and implement the needed APIs/Data structures they need to provide, in order to plug them into the current set up CI/CD workflow and to enable them to trigger other Open Source compliance tools in a way that they seamlessly interact which each other and potential external data sources.

The already existing projects remain independent projects

We are making turn-key Open Source tooling for Open Source Compliance

Big Picture – Integrated Compliance Toolchain

Open Source Tooling Group

Inbound software

Public compliance artifact repos

contributions

Dependency resolver	Container content resolver	Binary analyser	Source package downloader	Component inventory (Metadata Repository)	License Obligations Database
Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)

Artifact Repository

Continous Integration

CI / CD Infrastructure

Build Tools

Source Code Repo

outbound software & compliance artifacts

Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)
License & Copyright Scanner	Component Analysis Service	Policy checker (Compliance Checker)	Obligation fulfillment	FOSS Compliance Bundle generator	Compliance artifact consistency

Integrated, automated – end to end OSS compliance toolchain made with OSS

We are making turn-key Open Source tooling for Open Source Compliance

- Identify the functional blocks required

- Identify the workflows

- Identify the required data and data flows

- Implement provide the needed APIs (as contributions)

- Provide the glue Code

- Provide easy to deploy building blocks

- Documentation

- Spread the word
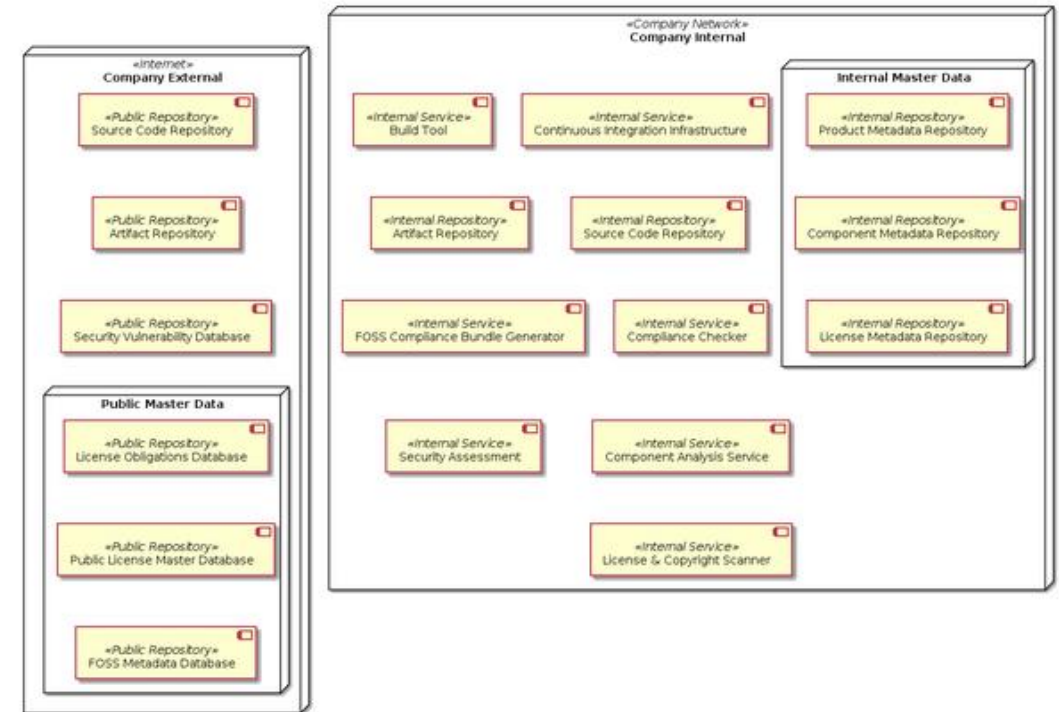
Introduction of the existing work

UML Big Picture View

https://github.com/Open-Source-Compliance/Sharing-creates-value/blob/master/Tooling-Landscape/Unanimous-Understanding/OSS_Tooling_Landscape_UML_Deploy.plantuml

Glossary

https://github.com/Open-Source-Compliance/Sharing-creates-value/blob/master/Tooling-Landscape/Unanimous-Understanding/OSS-Tooling-Landscape-Glossary.md
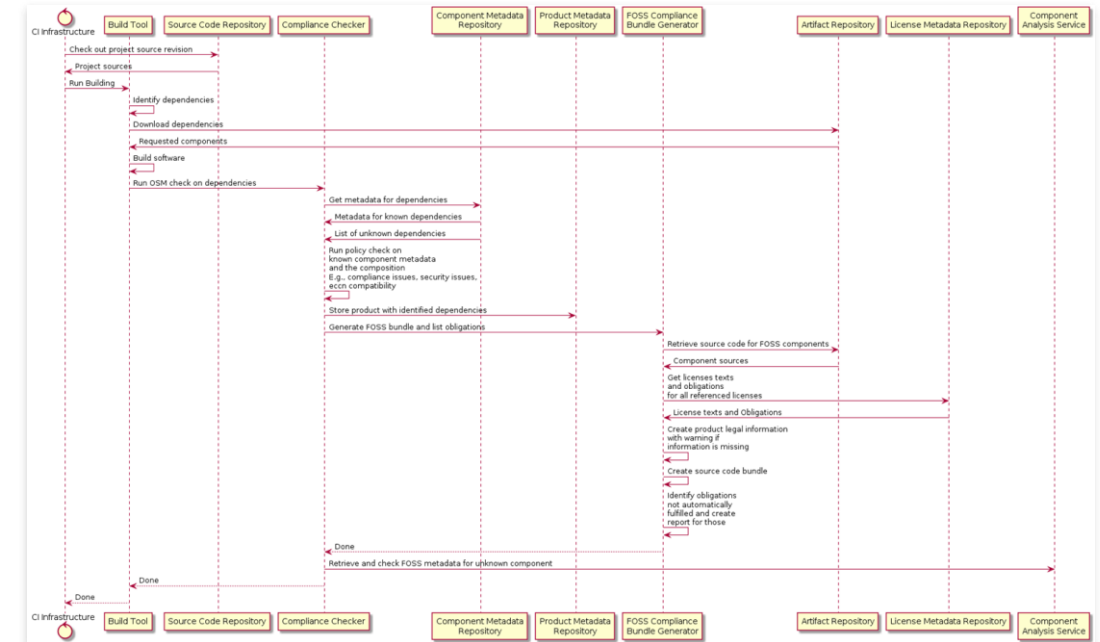
Introduction of the existing work

Process flows:

https://github.com/Open-Source-Compliance/Sharing-creates-value/tree/master/Tooling-Landscape/Unanimous-Understanding/Process%20Flows
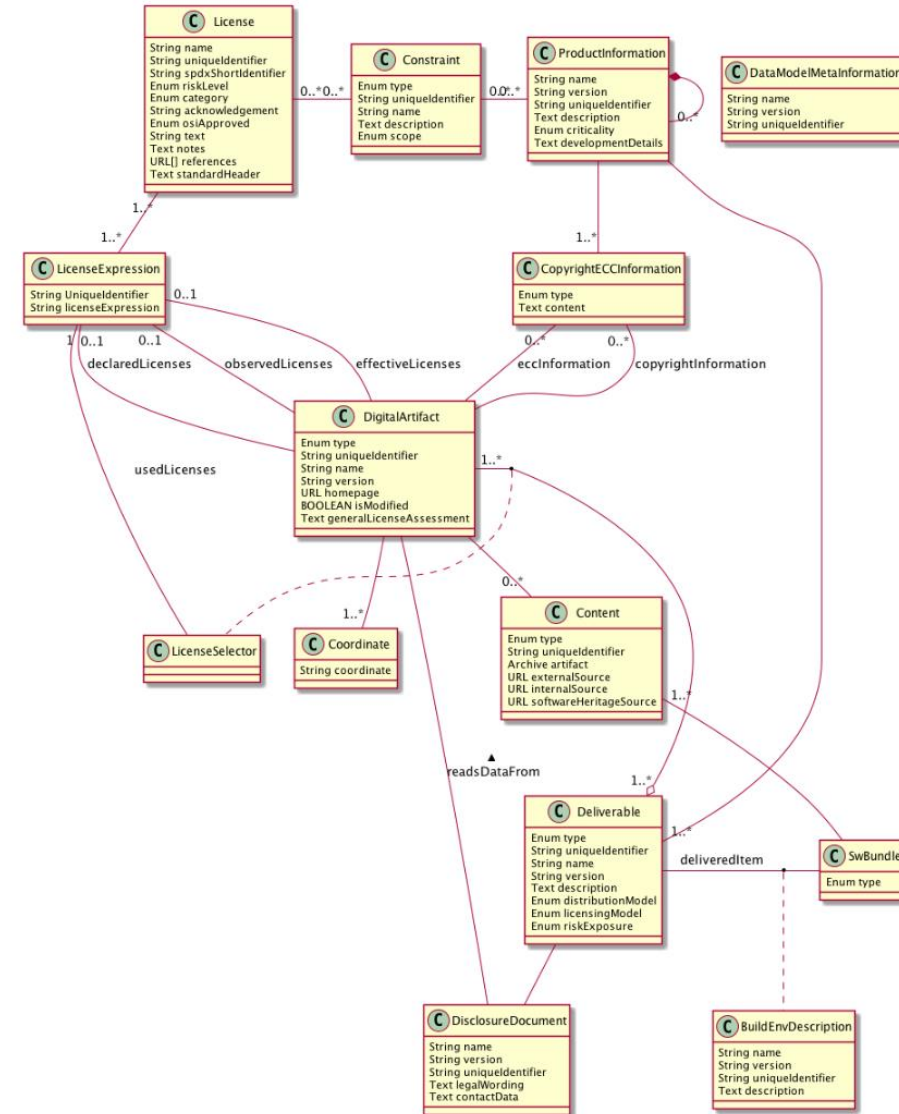
Introduction of the existing work

Data Model:

https://github.com/Open-Source-
Compliance/Sharing-creates-
value/tree/master/Tooling-Landscape/Unanimous-
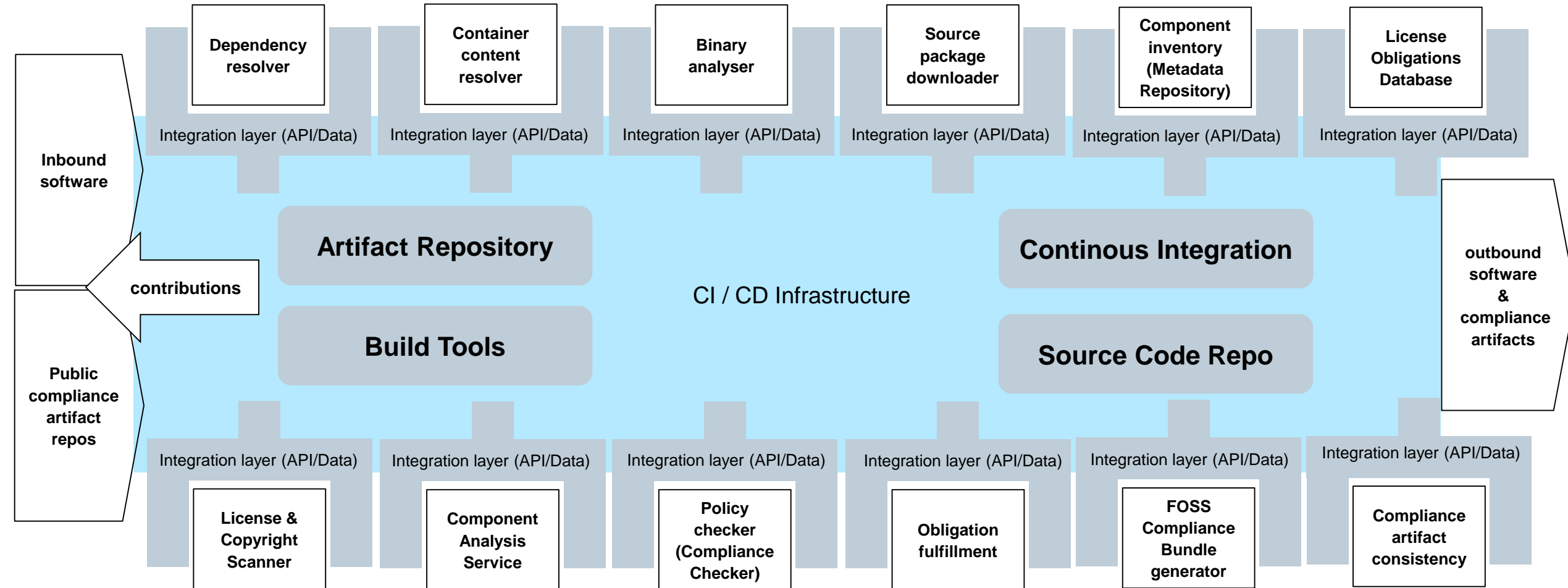
Understanding/Data%20Structures

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Areas to focus on

Big Picture – Integrated Compliance Toolchain

Inbound software

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Artifact Repository

Continous Integration

CI / CD Infrastructure

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Source Code Repo

outbound software & compliance artifacts

Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)	Integration layer (API/Data)
License & Copyright Scanner	Component Analysis Service	Policy checker (Compliance Checker)	Obligation fulfillment	FOSS Compliance Bundle generator	Compliance artifact consistency

Big Picture – Integrated Compliance Toolchain Instance

Open Source
Tooling Group

Dependency resolver

OSS Review Toolkit
SW360 antenna

Integration layer (API/Data)

Container content resolver

TERN

Integration layer (API/Data)

Binary analyser

BANG

Integration layer (API/Data)

Source package downloader

OSS Review Toolkit
SW360 antenna

Integration layer (API/Data)

Component inventory

SW360

Integration layer (API/Data)

License Obligations Database

SW360
fossology

Integration layer (API/Data)

Inbound software

ClearlyDefined

contributions

Public compliance artifact repos

Artifact Repository

Build Tools

CI / CD Infrastructure

Continous Integration

Source Code Repo

outbound software & compliance artifacts

Integration layer (API/Data)

License Classifier ScanCode

fossology

License & Copyright Scanner

Integration layer (API/Data)

Component Analysis Service

Integration layer (API/Data)

OSS Review Toolkit
SW360 antenna

Policy checker

Integration layer (API/Data)

SW360

Obligation fulfillment

Integration layer (API/Data)

SW360
OSS Review Toolkit
SW360 antenna

FOSS Compliance Bundle generator

Integration layer (API/Data)

Compliance artifact consistency

Next steps

Restructuring of the repo sharing-creates-value

Good-Practices
OSS-Package-Analysis-Files
OSS-license-compliance-resources/...
Tooling-Landscape
docs
.gitignore
FAQ.md
LICENSE
README.md
mkdocs.yml
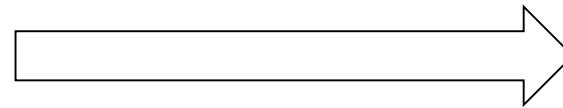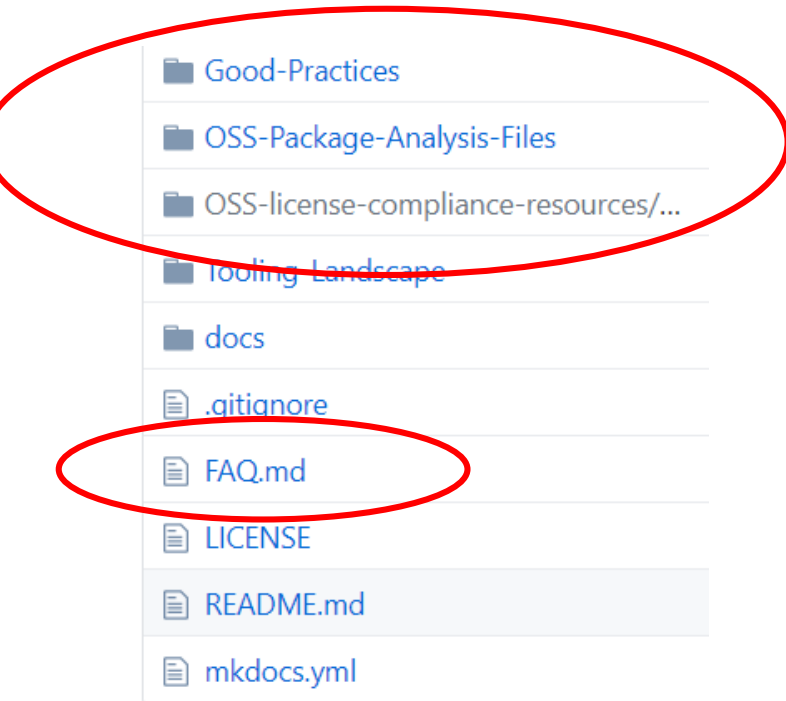
Move to OSS-compliance-work-results a new repo of the group Open-Source-Compliance

Update and move content to OSS-compliance-work-results a new repo of the group Open-Source-Compliance

Preparing a slide deck with an overview of the tooling working group – that can be used when someone wants to give a presentation about the tooling working group

User stories

We are making turn-key Open Source tooling for Open Source Compliance

- As a Software developer I …

- As a compliance officer I …

- As a product owner I …

- As a legal assessor I …

- As a compliance assistant I …

- ….

         Oliver Fendt

Next Meeting

Date: 18th of Sept

Oliver Fendt

Links / Communication

Where to communicate what?

Github:

https://github.com/Open-Source-Compliance/Sharing-creates-value

Slack:

https://join.slack.com/t/ossbasedcompl-bhx9742/shared_invite/enQtNzA5OTc3OTAwMjExLWNhYWVkZDk2Y2RlNDI4ODI2NzQyNDU5ZWE4ODRmZWI1ZmM1MzA4ZTc2MTdkZGFhMzc2NmUyODRhNDZjNWI5Njc

Mailing List:

Subscription page: https://groups.io/g/oss-based-compliance-tooling

Email address: oss-based-compliance-tooling@groups.io

Credits

Picture by Splitshireon
https//pixabay.com license:
pixabay license