

Minutes of the meeting on the data model on 4th of March 2019

Based on the UML diagram

<https://github.com/Open-Source-Compliance/Sharing-creates-value/blob/master/Tooling-Landscape/Unanimous-Understanding/Data%20Structures/DataExchangeFormat-UML-Class-Diagram.png>

the data model was discussed

1. Product

It was discussed whether the term "product" is suited since every party most probably has a different definition. As a working term "PieceOfSw" was created for a new entity consisting of the current ProductInformation + Integrated3rdPartySoftware entities

An additional relation must be added since a "product" can consist of other products

2. Integrated3rdPartySoftware

Probably a list of uniqueIdentifierSource and uniqueIdentifierBinary are needed in order to point to data sources like software heritage <https://www.softwareheritage.org/software> and/or others

A flag is missing that specifies whether a component is modified or not.

The cardinality of the relation between Integrated3rdPartySoftware and License is n:m

3. Attribute risklevel in class License

It was asked whether the risklevel is somehow calculated from the risks that are associated to a certain license. No there is no implicit calculation. It is meant to be a company specific value per license.

It was agreed that there is additional work needed to compute the "entire" risk a certain "product" is exposed to. In order to compute the entire risk, risk information about the "product" itself, the risk associated with a certain "Deliverable" (new entity) as well as the accumulated risks of all applicable licenses is required. Potentially further risks will be identified in future (e.g. risks associated with ECC)

4. Deliverable

This new entity was defined to be able to express different selectable units of a certain "product" like a docker image or an executable, etc. the deliverable consists of parts of the entity "BuildEnvDescription"

5. CopyrightECCInformation

ECC information (i.e. classification) can lead to a constraint of the "product". It was agreed that there is more work required on this topic but for the time being we concentrate on the licensing stuff to get it complete

6. Next meeting

The next meeting will take place on 25th of March 2019 / 02:30 p.m.- 03:30 p.m. If you want participate please write to the mailing list: oss-based-compliance-tooling@groups.io