

# Panel: Benefits and challenges of integrating open source components.

## How technical solutions can help to reach legal quality



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Co-author / IPR Tracking: A methodology for Component Based and Collaboratively Developed software (QualiPSo A1)

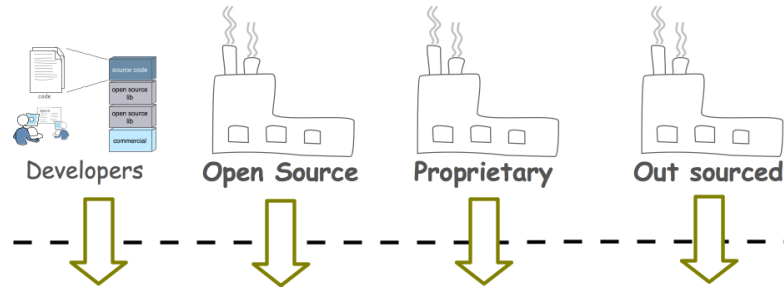
Assistant professor at INRIA/Univ. Paris Diderot

Co-founder of Antelink, INRIA spinoff, single EU player developing tools

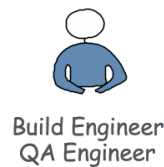
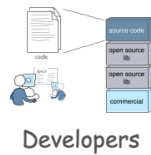
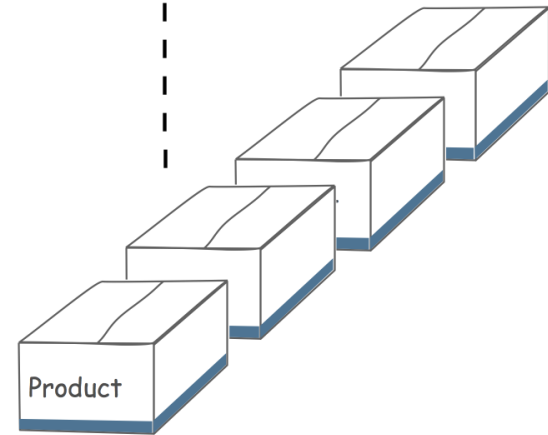


# Antelink

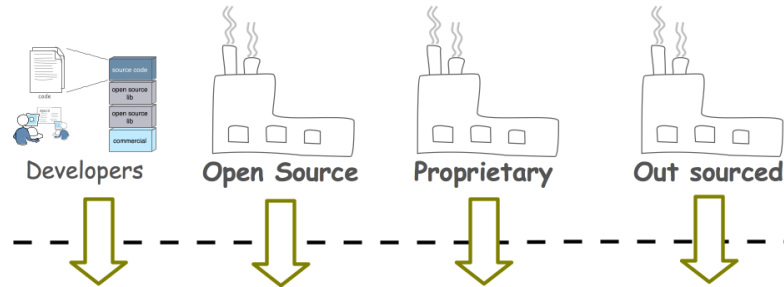
# When can you talk about Legal Quality issue ?



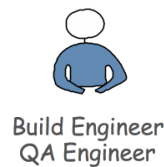
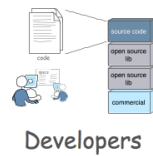
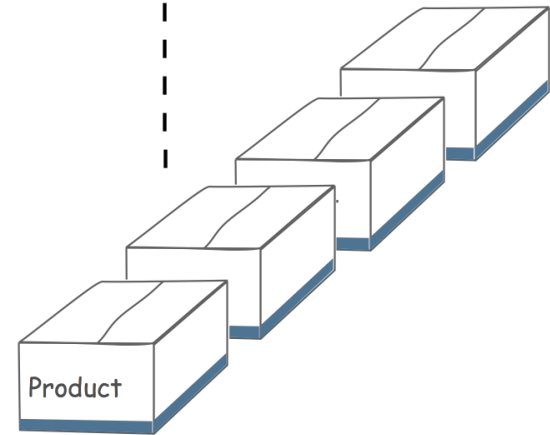
Lack of contradictory evidences in the event of a litigation through the software supply chain.



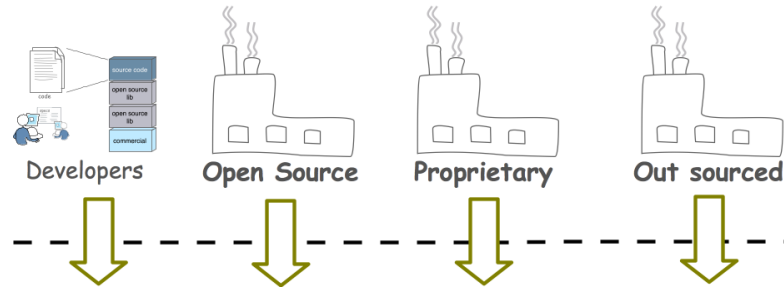
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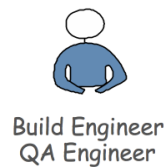
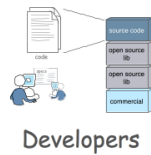
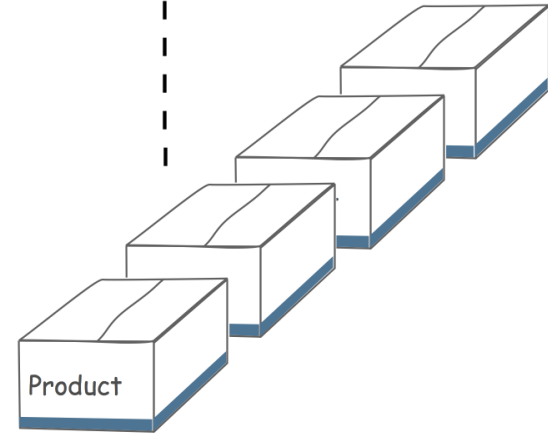
Spend too much time to maintain qualified bill of materials from design to delivery over the whole software factory.



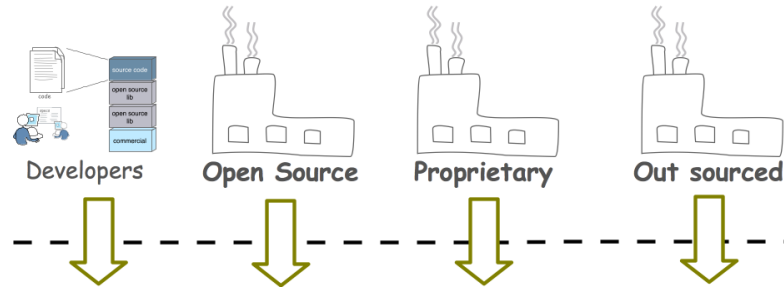
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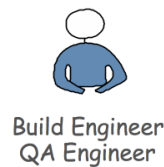
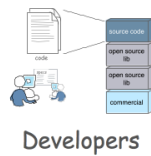
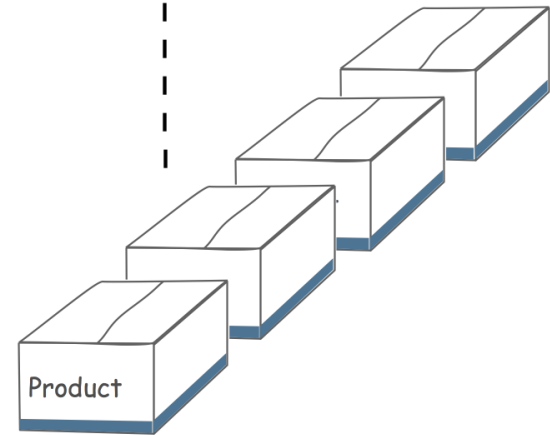
Choose the right components as soon as the design phase, with very few information about the components and their alternatives available.



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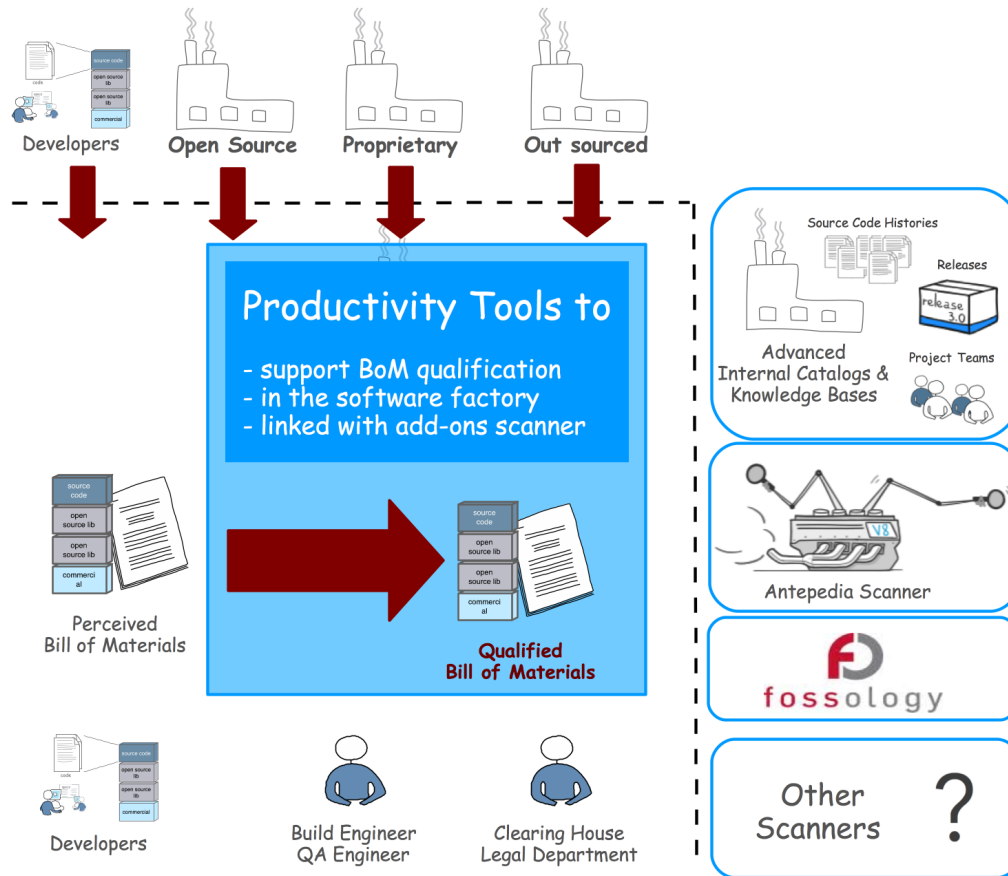
Do not get full benefit of open source and proprietary reusable components because of missing third party components' licenses compliance policy.



# Why do you need Tools ?

Productivity (reduce time)

Integrity (quality of the information)



# When do you have to use state of art tools to increase legal quality ?

- Audit your software asset (your first BoM 😊)
- Set up Compliance Policy
- Provide BoM with accurate third parties license and attribution information.
- Check your ability to answer support request ?
- Check copyright (who developed/owned your software)
- Scanner for information discovery (Author metrics, copyright, license, vulnerability, ...)

# Why do you have to use tools ?

- This is the state of art, do it at your own risk if your are not using them
- Some of them are free (fossology, Oslc, Reporter free edition, ...)
- Standard like SPDX are making your life much easier (see for instance compliance table comparing policies from FSF, Eclipse, Apache found.





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