

# Open Source Copyright



December 2024, Wang, Yang

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# Copyright History

## Original of Open-Source

- Started in the 1960s, the Unix system opened up its code and laid the foundation for open source.



## Internet catalyzed and Technological innovation

- The popularization of the Internet in the 1990s accelerated open-source software dissemination and collaboration.
- The open-source model promotes technology iteration, with projects such as Linux and Apache leading the industry.



## Ecological construction

- Form a large developer community to promote software diversity and technological innovation.



## Importance of Copyright

### Protecting the rights and interests of innovation

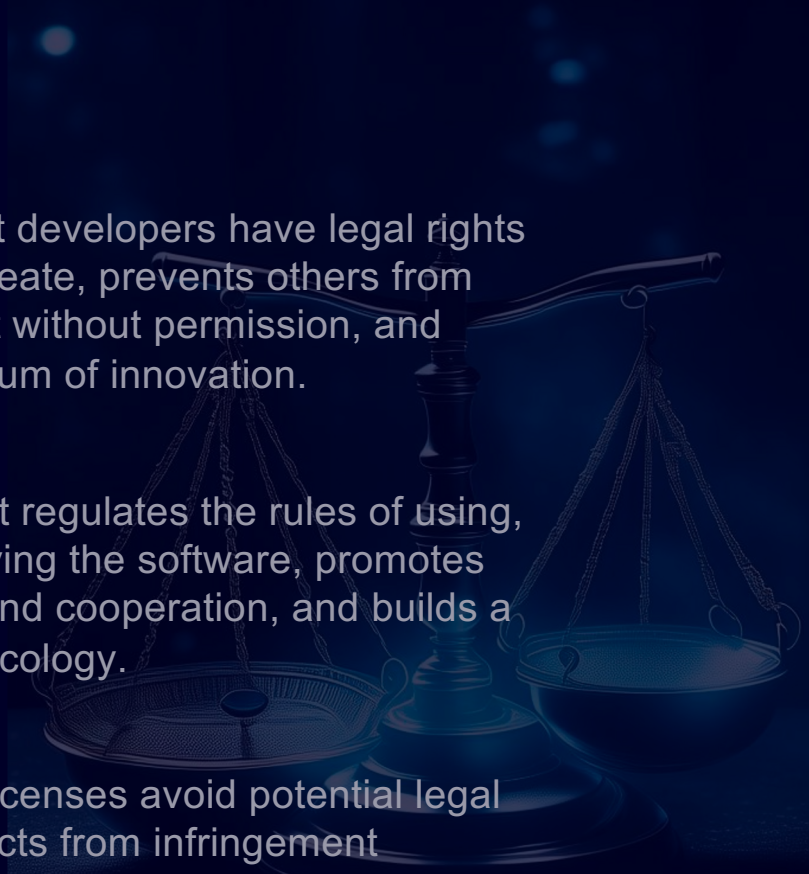
- Copyright ensures that developers have legal rights to the software they create, prevents others from copying or modifying it without permission, and maintains the momentum of innovation.

### Promoting cooperation and sharing

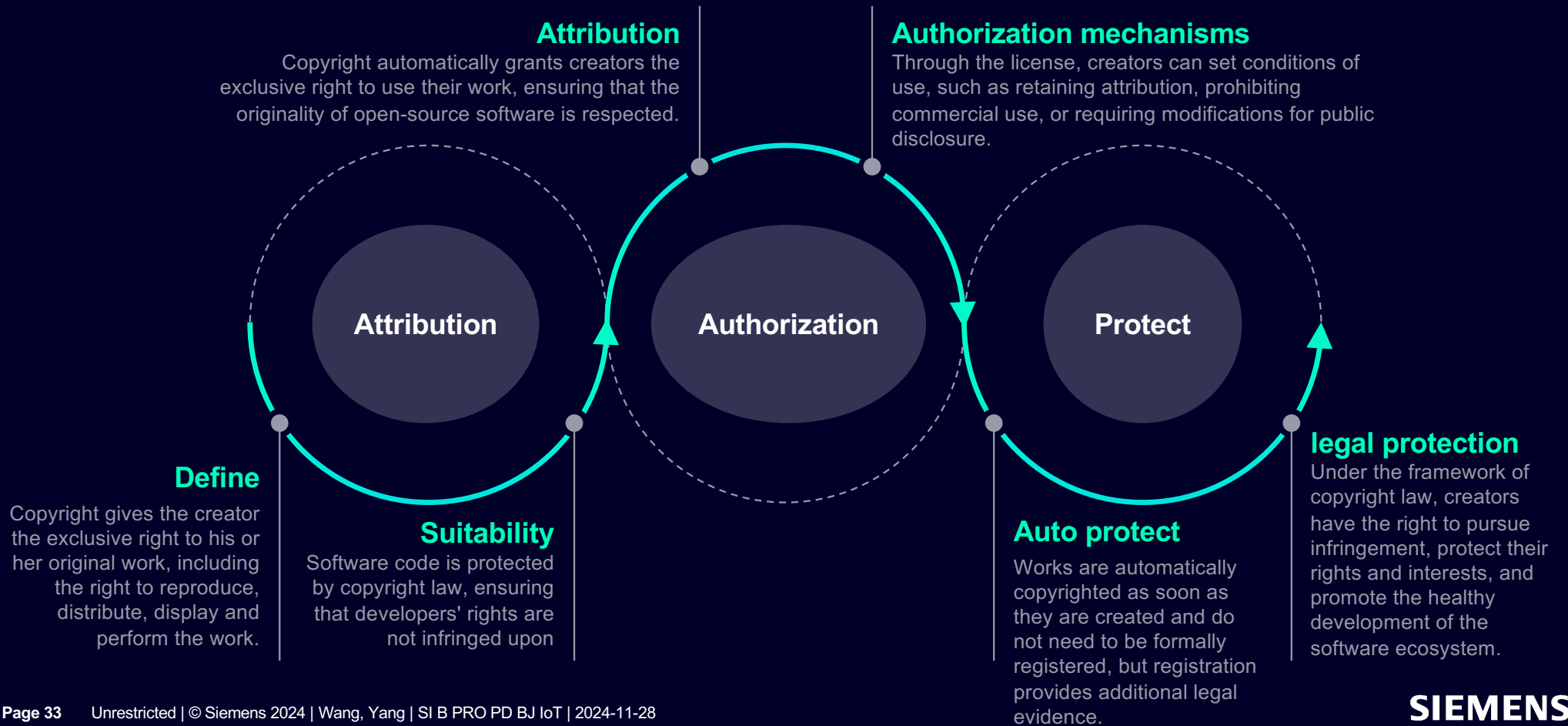
- The license agreement regulates the rules of using, distributing and modifying the software, promotes technical exchanges and cooperation, and builds a healthy open-source ecology.

### Avoiding legal risks

- Clear copyrights and licenses avoid potential legal disputes, protect projects from infringement allegations, and ensure the sustainability of open-source projects.



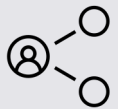
# Copyright foundation



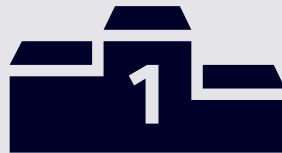
# GPL License

## General Public License

- Is part of GNU project
- Emphasize the free distribution and modification of code
- Requiring derivative works to be similarly open source



Community Sharing



## Star projects

- Linux Kernel
- GCC
- Busybox
- LibreOffice
- VLC media player

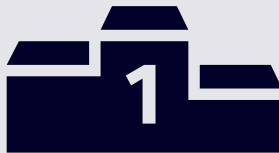


## MIT License

### Massachusetts Institute of Technology License

- Allows the free use, copying, modification and distribution of the software under simple conditions and with good compatibility for commercial applications.

**Friendly Commercial Use**



### Star projects

- React
- Vue.js
- Angular.js
- Rust
- Bootstrap

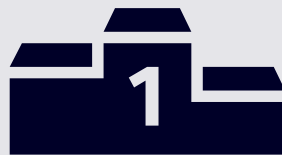


## Apache2.0 License

### Apache Software Foundation, ASF

- Provides a patent license to protect developers from patent lawsuits, supports both commercial and non-commercial use, and is compatible with a wide range of open-source licenses

**Friendly Commercial Use**



### Star projects

- Apache Hadoop
- Apache Kafka
- Apache Tomcat
- Apache Maven
- Apache Spark





# Work Approach

How Successful Open-Source Projects Manage and Leverage Copyrights and Licenses Clear Copyright Attribution

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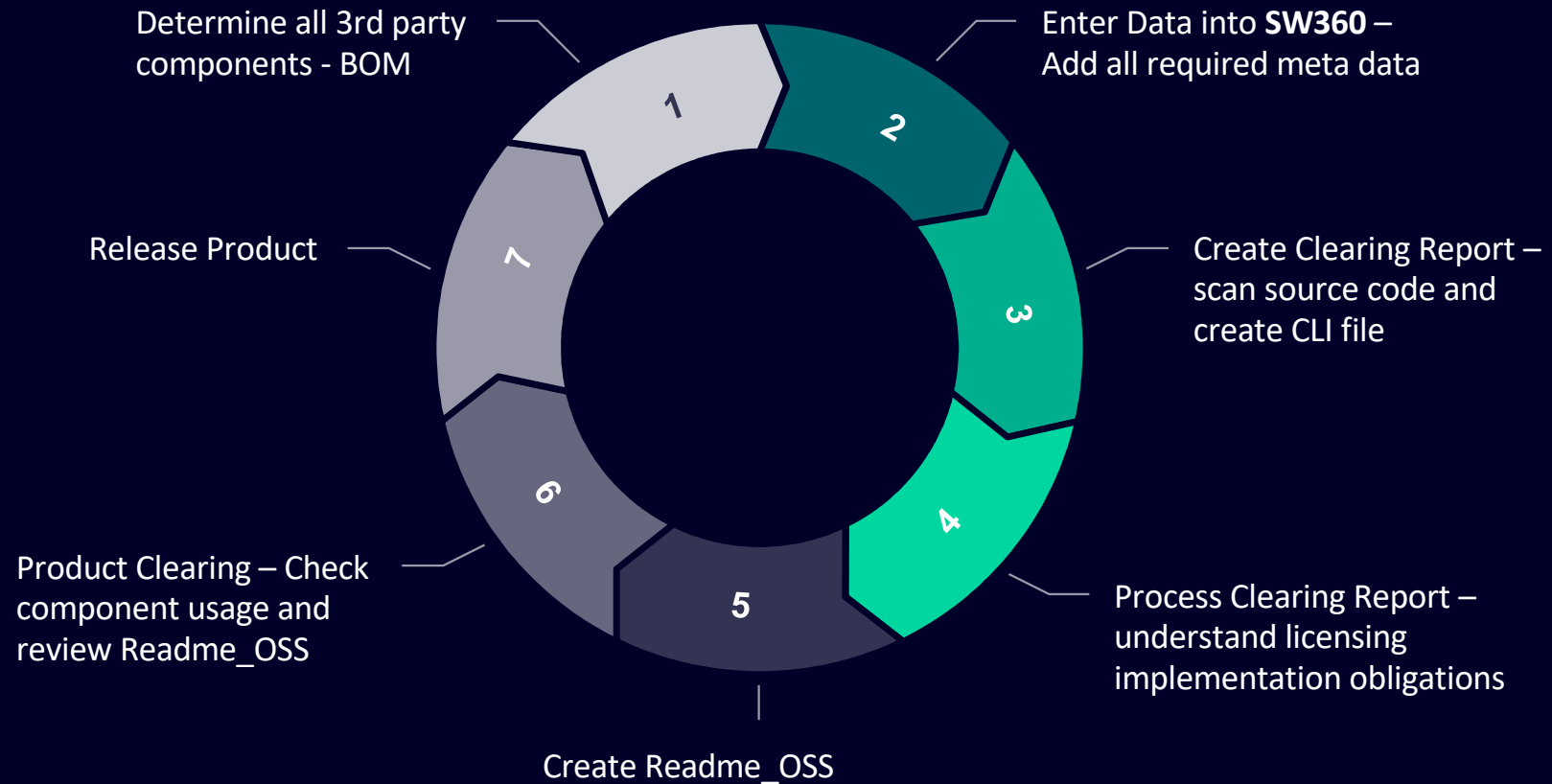
## Choosing the right license

- Licenses such as GPL, MIT, or Apache are selected based on project goals and community consensus, balancing openness and protection to promote widespread adoption and innovation.

## Continuing Copyright Education & Add into the project management workflow

- Organize regular workshops to enhance developers' copyright awareness, ensure team understanding of license terms, prevent unintentional infringement, and maintain the healthy development of open-source ecosystem.
- Add the OSS work into the product lifecycle management workflow

## SI B PRO Workflow OSS clearing



## Conclusions and recommend

Strengthening copyright awareness and promoting a healthy open-source culture dations

### Copyright Education

- Raise community members' awareness of copyright law and organize regular trainings to ensure that each participant understands their rights and obligations

### Transparent Notice

- Encourage projects to clearly label copyright information to enhance transparency and reduce misunderstandings and potential legal risks

## Copyright

### Respect for the originality

- Advocate respect for originality, encourage innovation, establish positive incentives to promote the emergence of high-quality open-source projects

### Community building

- Develop and implement a community code of conduct to create a fair and equitable environment that protects the rights and interests of all contributors



## Conclusions and recommend

Encourage contributors to clarify the copyright status of their work

### Necessity of copyright notice

- Clarify copyright status, protect contributors' rights, and promote project transparency and trust.

### Use of standard statements

- Standardized copyright notices are used to simplify the process and reduce legal risks.

### constant communication

- Establish a communication mechanism to resolve copyright-related queries in a timely manner and maintain community harmony.

# Contact

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