

# Open Source

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Open Data, Open Markets and Open Source Software  
Tools for European Marketplaces



# Achille Zappa

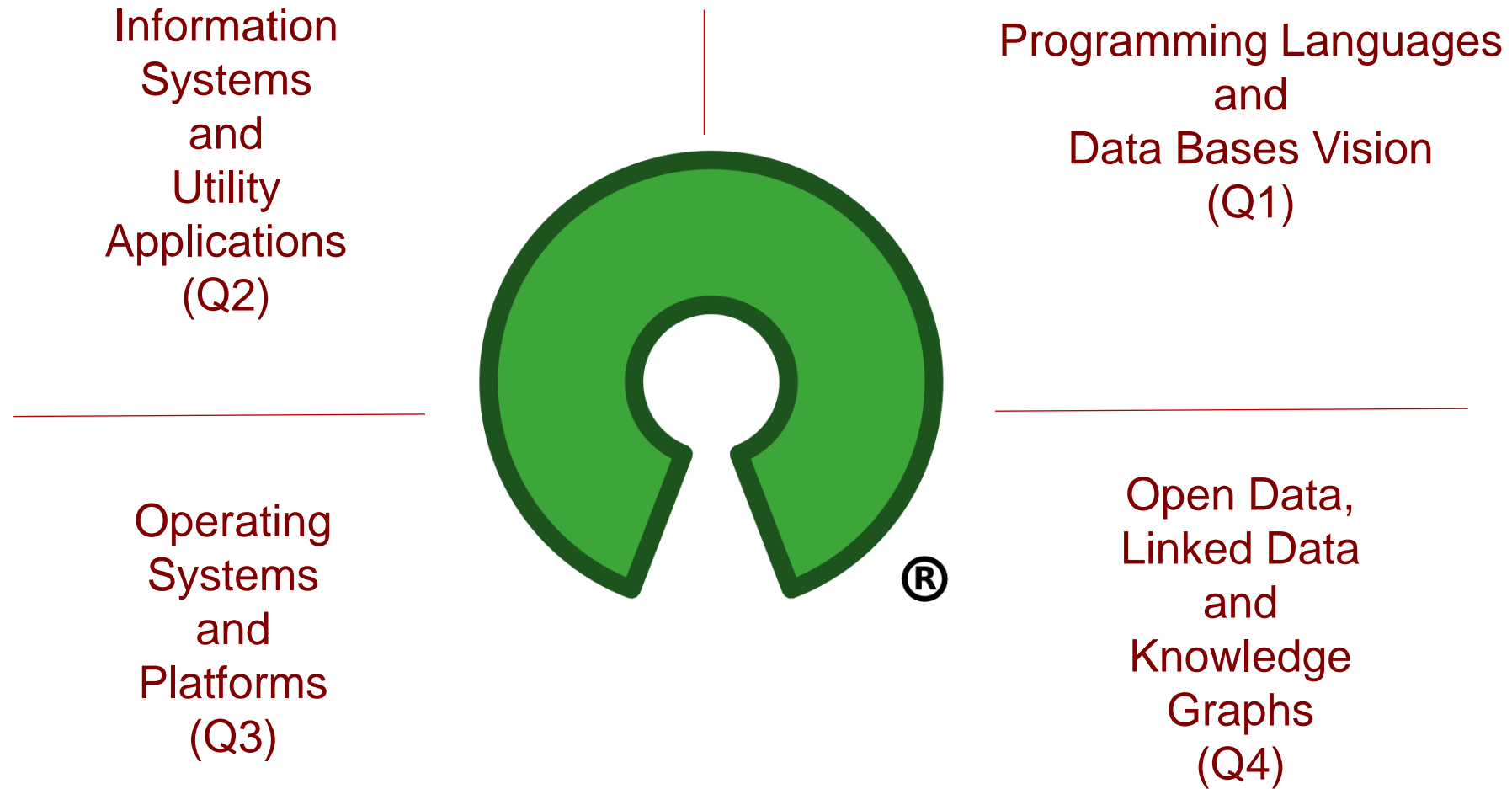
I3-Market - NUI Galway

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# Open Source

## Open Source Dimensions (Quadrants and Goals)



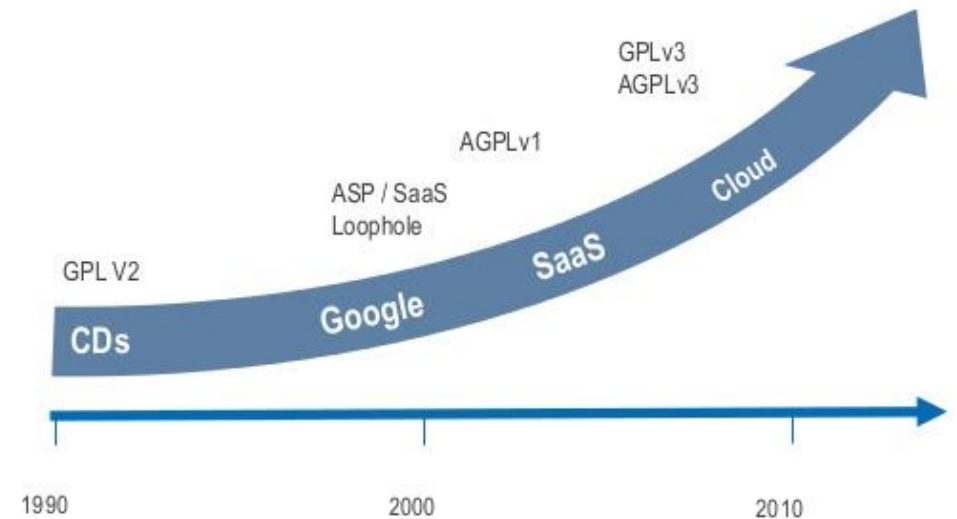
# Open Source

## Open Source Software Characteristics (Features)

- ... software distribution
- ... accessible to anyone anytime
- ... offering Accessibility
- ... support over the time
- ... continuous training
- ... establish community
- ... reusable and changeable
- ... distribution methods
- ... associated licenses

### EVOLUTION OF SOFTWARE DELIVERY AND OPEN SOURCE LICENSES

"The GNU Affero General Public License . . . requires the operator of a network server to provide the source code of the modified version running there to the users of that server. Therefore, public use of a modified version, on a publicly accessible server, gives the public access to the source code of the modified version."  
- Preamble to AGPL 3.0 license



# Open Source Licensing

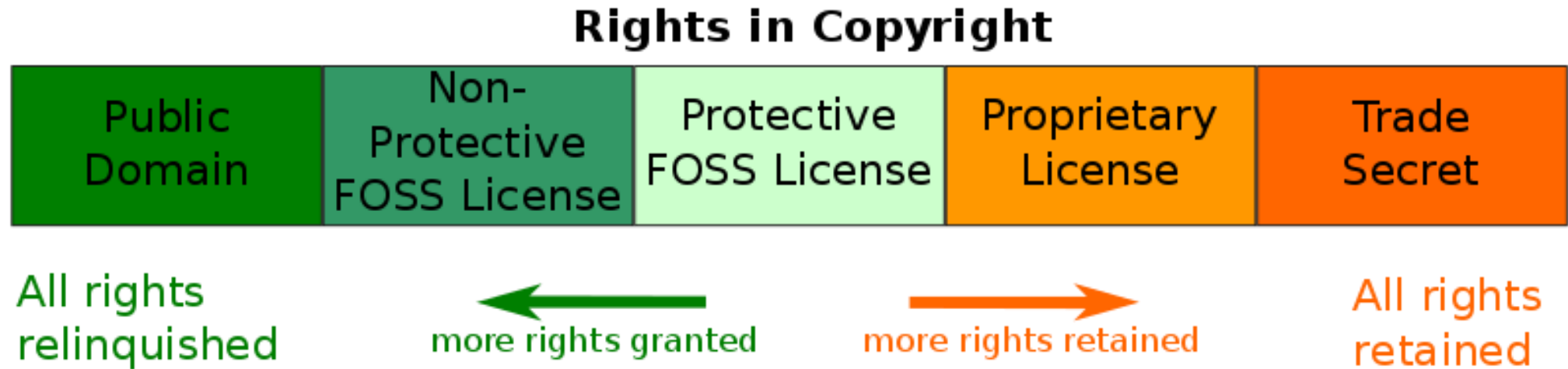
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Free/Libre Open Source Dimensions



# FOSS Licenses

Understanding best licensing model for i3-MARKET

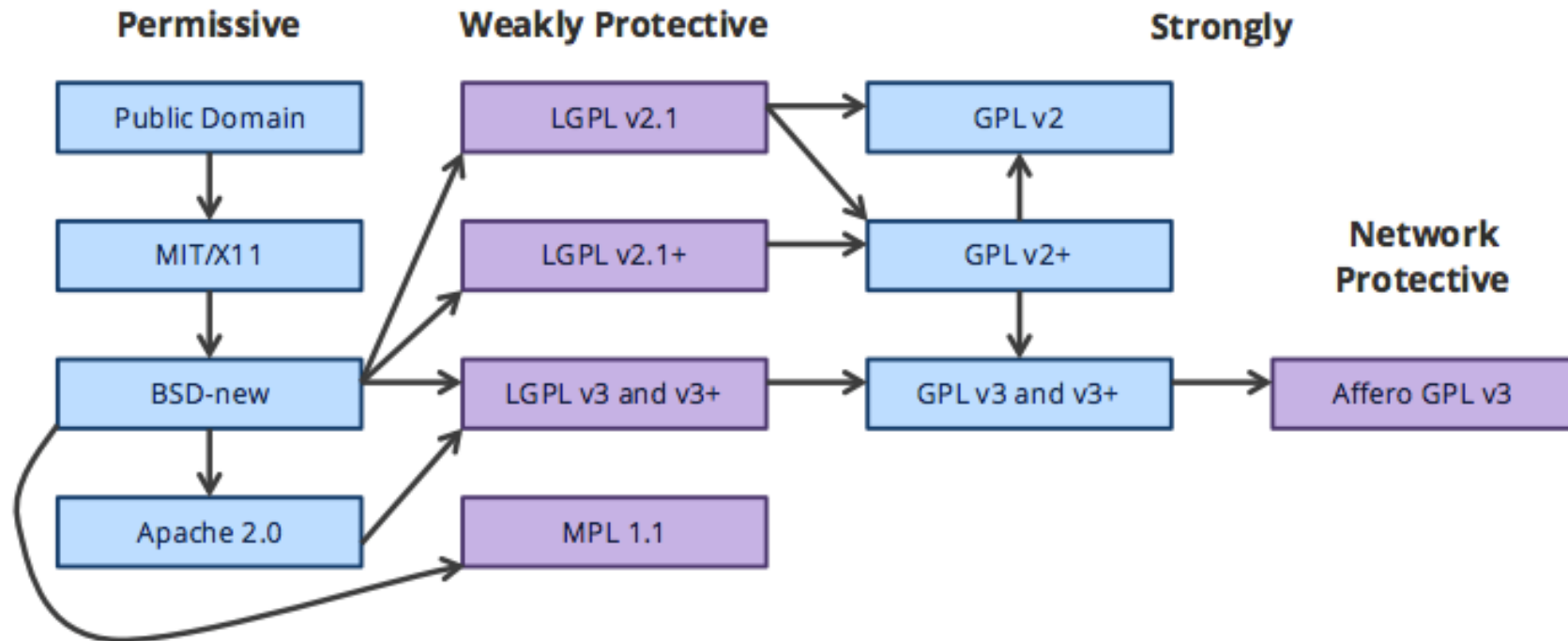


Rights in FOSS Copyrights

# FOSS Licenses

## FOSS licensing Compatibilities

License compatibility between common FOSS software licenses, the vector arrows denote a one directional compatibility, therefore better compatibility on the left side ("permissive licenses") than on the right side ("copyleft licenses")



FOSS Licence common Compatibility

# FOSS Licenses

## Derivative Works

### Derivative Work Example

- Original Work



- Derived Work



*“If the Licensee Distributes and/or Communicates **Derivative Works** or copies thereof based upon both the **Original Work** and another work licensed under a **Compatible Licence**, this Distribution and/or Communication can be done under the terms of this Compatible Licence. For the sake of this clause, “Compatible Licence” refers to the licences listed in the appendix attached to this Licence. Should the Licensee’s obligations under the Compatible Licence conflict with his/her obligations under this Licence, the obligations of the Compatible Licence shall prevail”*



# FOSS Licenses

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## EUPL Licensing Compatibility

- GNU General Public License (GPL) v. 2 & v. 3 (added in EUPL v1.2)
- Open Software License (OSL) v. 2.1, v. 3.0
- Common Public License v. 1.0
- Eclipse Public License v. 1.0
- CeCILL v. 2.0 & V 2.1
- Mozilla Public License v. 2 (added in EUPL v1.2)
- LGPL v2.1 & V3 (added in EUPL v1.2)
- LiLIQ-R & LiLIQ-R+ (added in EUPL v1.2)
- GNU Affero General Public License (AGPL) v. 3 (added in EUPL v1.2)

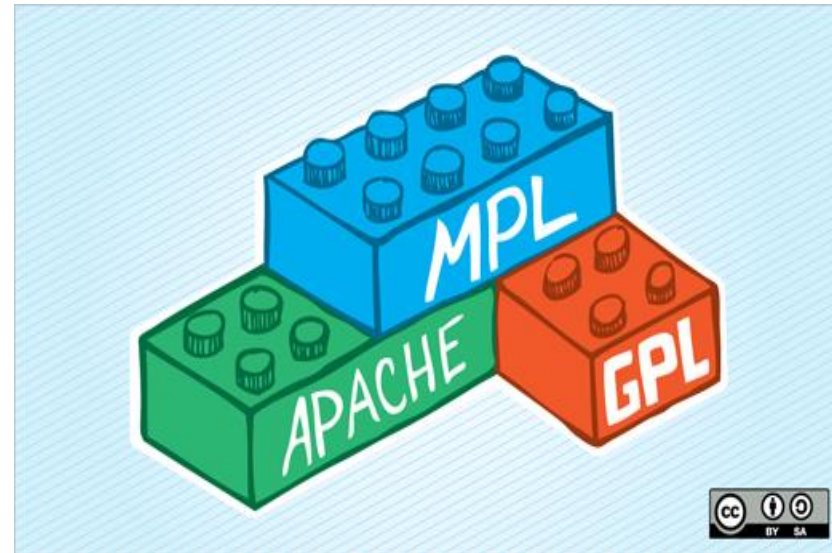


# FOSS Licenses

## Copyleft

Copyleft is a general method for making a program (or other work) free (in the sense of freedom, not “zero price”), and requiring all modified and extended versions of the program to be free as well.

Copyleft is a form of licensing and can be used to maintain copyright conditions for works ranging from computer software, to documents, to art, to scientific discoveries and instruments in medicine and thus sometimes can be seen as restriction rather than a protection mechanism.



# i3-MARKET Open Source Strategy Plan

Activity 1

**Governance**



**Licensing**

Activity 2

**Integration**



**Culture**

Activity 3

**Asset**



**Product**

Activity 4

**Community**



**Marketing**



**i3-MARKET**

# i3-MARKET Open Source Community



Thank you!

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