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Open Source Licenses

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- Brief history: GPL and Copyleft

- AGPL vs LGPL

- Licenses of Odoo 9

- Combining licenses

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Before 1980, most programs were distributed with source code *by default*
(for portability, bugfixing, auditing, etc.)

Most software came from an *academic* background

Then the situation changed.

GNU

A new fragrance by RMS

Copyleft relies on universal Copyright laws to enforce freedom for a piece of work

The Free Software Foundation defines **four freedoms**: use, modify, distribute, and distribute modifications

To guarantee these freedoms to every user, GPL **forbids any restriction** coming from other licenses

1983: Richard Stallman creates GNU

1989: GPLv1 is born   (bin + source, no restrictions)

1991: GPLv2, LGPLv2   ("liberty or death", C-lib)

1999: LGPLv2.1   (library -> lesser)

2007: GPLv3, LGPLv3, AGPLv3
(DRM, tivoization, wording, patents)

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2005: TinyERP 1.0-4.0 – **GPLv2** or later

2009: OpenERP 5.0 – **GPLv3** or later + **OEPL** (web)

2011: OpenERP 6.0 – **AGPLv3** + OEPL (web)

2012: OpenERP 6.1 – AGPLv3

2012: OpenERP 7.0 – AGPLv3

2014: Odoo 8.0 – AGPLv3

2015: Odoo 9.0 – CE: **LGPLv3** + OE

GPL is a strong copyleft license, but it suffers from the **ASP loophole** (Cloud)

=> 4 freedoms are only enforced if **distributed**

AGPL was created to fix this, by adding the *Section 13* provision:

Copyleft applies as soon as **users are interacting remotely with the program**

AGPL V3
Free Software

Affero General Public License

Type: Copyleft   **OSI:** ☑

First version: 1.0 (2002)   **FSF:** ☑

Latest version: 3.0 (2007)   **Author:** Affero, FSF

Standalone: Yes

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GPL is a strong copyleft license, but lacks a **linking exception**

=> Unsuitable for libraries, such as the C lib

LGPL was created to fix this, by adding a linking exception on top of GPL

"Using/Linking" in any program is OK if the LGPL part can be modified/replaced.

"Derivative work" is OK under any license as long as it can be modified by the user

LGPL 3 *Lesser General Public License*
Free Software

Type: Weak Copyleft	**OSI:** ☑	
First version: 1.0 (1991)	**FSF:** ☑	
Latest version: 3.0 (2007)	**Author:** FSF	
Standalone: No (+GPL)		

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Odoo 9 changes license to LGPLv3, becomes
Odoo Community Edition

(requires agreement of contributors / CLA signature)

Rationale

+ AGPLv3 is not well suited for the CMS features

+ LGPLv3 will permit selling Odoo Apps
(Odoo S.A. or anyone)

Odoo Enterprise Edition (proprietary) will contain a
set of new Apps on top of Odoo Community

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Odoo Community

Odoo Enterprise

Enterprise Edition
Proprietary

Community
Edition
LGPLv3

Community
Edition
LGPLv3

📁 base
📁 account
📁 crm
📁 project
📁 stock
📁 ...

📁 account_dashboard
📁 account_check_print
📁 web_mobile
📁 project_forecast
📁 ...

Odoo 9 Community   odoo / odoo

✔ LGPLv3 - can be **used/modified/distributed** by anyone

✔ Project fully hosted on GitHub, access to anyone

➕ Source code
➕ Bug reports (also via Odoo Enterprise)
➕ Pull Requests

✔ Translations on Transifex.com

Odoo 9 Enterprise

 odoo/enterprise

Proprietary license applies to Enterprise Apps **only**

> → **Using** requires Odoo Enterprise subscription

> → **Modifications** are allowed

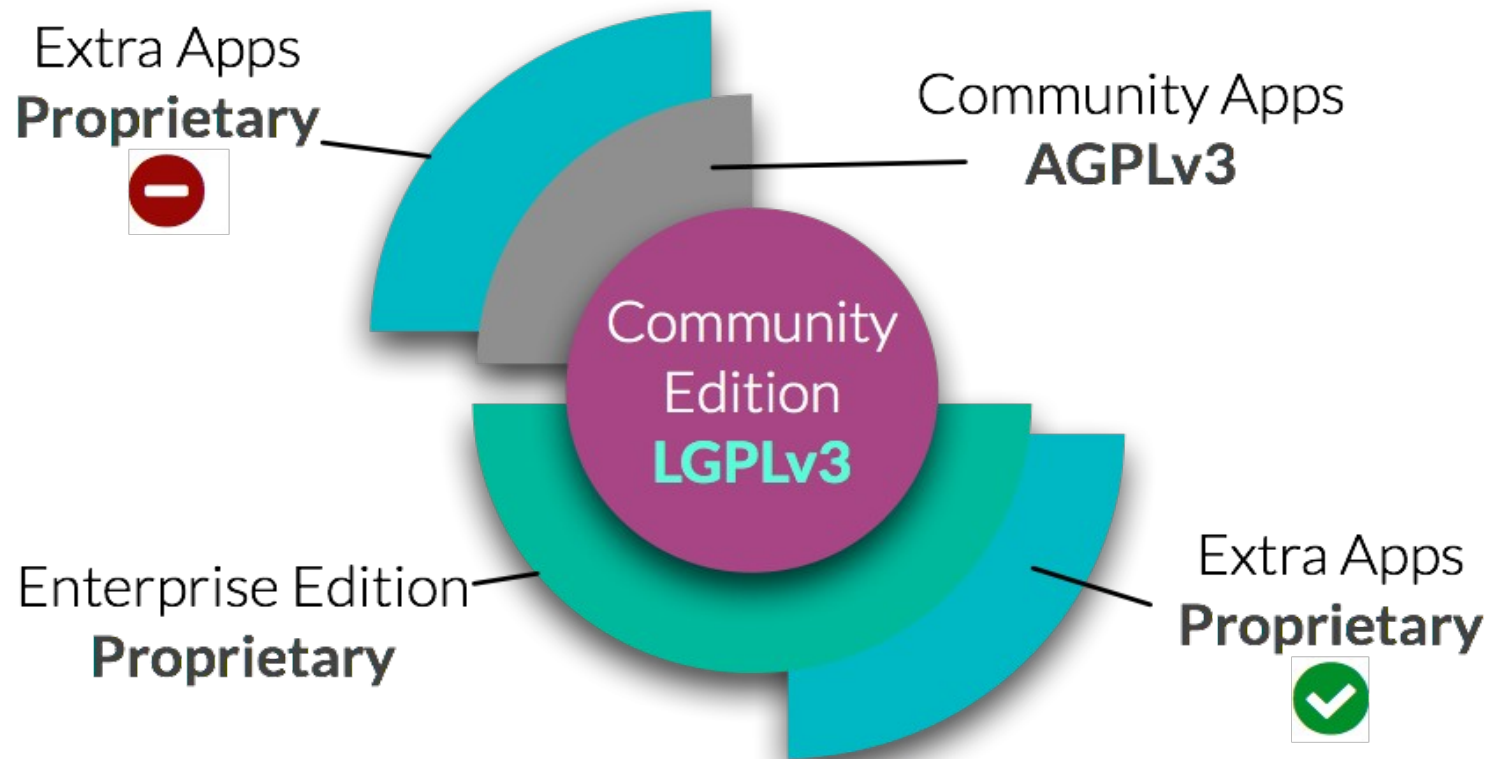> → **Distribution** only to Odoo Enterprise subscribers

✔ Project fully hosted on GitHub, access **to all partners**
(+ some customers)

➕ Source code
➕ Bug reports (also via Odoo Enterprise)
➕ Pull Requests

✔ Translations on Transifex.com

3 main licenses: LGPL, AGPL, Proprietary

Some combinations of these licenses are not valid – because GPL **prevents distribution** if licensing terms conflict.

🛡 The Odoo Apps Store will be able to **verify** the validity of the combinations.
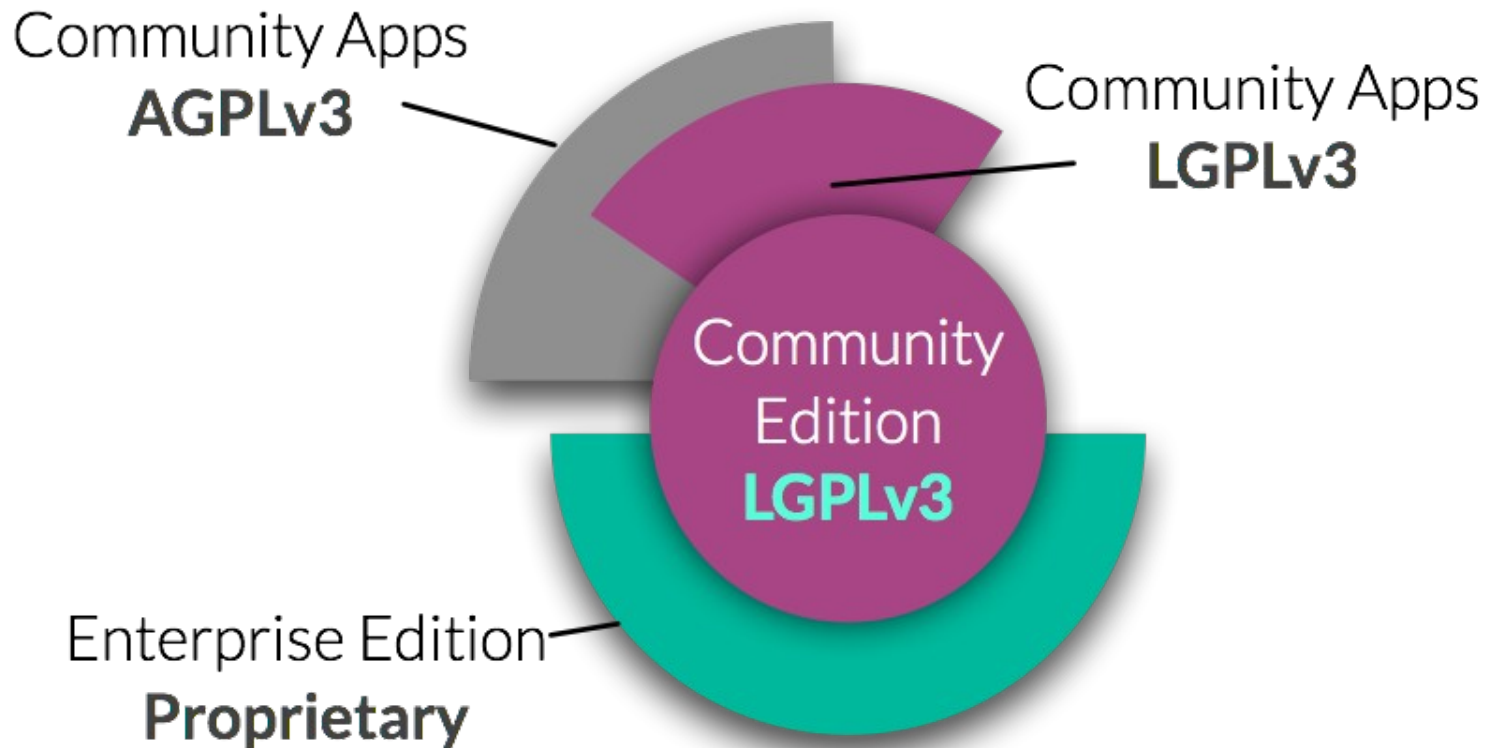
Proprietary Apps cannot depend on AGPL Apps, only on LGPL and other Proprietary ones

AGPL Apps cannot depend on Proprietary ones, but it works if they are relicensed as LGPL

Community Apps
AGPLv3 > LGPLv3

Community Edition
LGPLv3

Enterprise Edition
Proprietary

Odoo's **official interpretation** of the licenses and their **intention** is that using Proprietary Apps **and** AGPL Apps at the same time **is OK**, as long as they **don't depend** on each other.

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Questions?

(sorry, probably in overtime by now ;-))

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Thank You