



# Licenze Open Source e Free Software

*Federico Caboni*  
<f.caboni@logic-solutions.it>





# Licenza

- E' un **contratto**
- Concede **determinati diritti d'utilizzo** all'utente
- Si applica alle “**opere d'ingegno**”
- Si basa sul **copyright**



# Tipica licenza “proprietaria”

- *Divieto* di **distribuzione / copia**
- *Divieto* di **modifica**
- *Divieto* di **studiare** il software
- Si basa sul **copyright**



# Software libero

- *Diritto di* **copiare/distribuire**
- *Diritto di* **modificare**
- *Diritto di* **studiare** il software
- *Diritto di* **usare** il software **in ogni contesto**



# Software libero

Accesso al **codice sorgente**



Diritto di **studiare il software**  
Diritto di **modificare il software**





# Licenza GPL

## Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

**When we speak of free software, we are referring to freedom, not price.**

Our General Public Licenses are designed to make sure that you have the **freedom to distribute copies of free software** (and charge for this service if you wish), **that you receive source code** or can get it if you want it, **that you can change the software or use pieces of it in new free programs;** and that you know you can do these things.





# Licenza GPL

## (2)

To protect your rights, **we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights.** These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, **if** you distribute copies of such a program, whether gratis or for a fee, **you must give the recipients all the rights that you have.** You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) **copyright the software,** and (2) **offer you this license which gives you legal permission to copy, distribute and/or modify the software.**





# Licenza GPL

## (3)

- Usa il **copyright** per **garantire diritti all'utente**, non per toglierli (**copyleft**)
- E' una licenza "**VIRALE**"
- Qualsiasi lavoro derivato da un'opera GPL dev'essere sotto licenza GPL
- Parla di **libertà**, non di **prezzo**
- **Non** obbliga a rilasciare le modifiche





# Licenza GPL

## (4)

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty [...] and give any other recipients of the Program a copy of this License along with the Program.





# Open Source definition

- **1. LIBERA DISTRIBUZIONE**
- **2. CODICE SORGENTE**
- **3. LAVORI DERIVATI**
- **4. INTEGRITA' DELL'ORIGINALE**
- **5. NESSUNA DISCRIMINAZIONE**





# Open Source definition

- **6. QUALSIASI UTILIZZO**
- **7. DISTRIBUZIONE LICENZA**
- **8. NON SPECIFICA A PRODOTTO**
- **9. NON SI APPLICA AD ALTRO SOFTWARE**
- **10. TECNOLOGICAMENTE NEUTRALE**





# Alcune licenze OpenSource™

- **GPL**
  - l'abbiamo già vista..
- **LGPL**
  - il “cavallo di Troia” del software libero
- **BSD**
  - la vedremo nella pagina seguente...
- **APSL, MPL, ZPL, artistic...**





# Licenza BSD

Copyright (c) <YEAR>, <OWNER>  
All rights reserved.

Redistribution and use **in source and binary forms**, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the <ORGANIZATION> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.





# richiedono attribuzione

- *Chiedono di citare l'originale:*
  - **Zope Public License**
  - **Python Software Foundation License**
- *Vietano di usare il nome dell'originale:*
  - **Apache License**



# Brevetti sul software

- brevettano un'**IDEA**...
- ... e ne impediscono la **diffusione**
- **antidarwiniano**
- **contrario al mercato**
- **soffoca le PMI**





# Brevetti sul software

*"Chances are that patents on software, common practice in the US and on the brink of being legalised in Europe, **in fact stifle innovation.** Europe could still alter course."*



**Deutsche Bank Research**







# Risorse

- [www.opensource.org](http://www.opensource.org)
- [www.gnu.org](http://www.gnu.org)
- [www.nosoftwarepatents.com](http://www.nosoftwarepatents.com)



# Ringraziamenti

- il GULCh e chi ha reso possibile il Linux Day
- **voi**, per la presenza e l'attenzione
- Richard Stallman, Bruce Perens, Linus Torvalds...
- gli **sponsor**: *D.A.B, Datarex e Promotux*
- **Alceste Scalas**

