

Dalla condivisione alla gestione

# Gestione di un progetto Open-Source



# Su di me

- Daniele Barcella
- @Kowalski7cc
- Nato nel '96
- Interesse in qualsiasi cosa si accenda fin dai 3 anni
- Diploma in Informatica e telecomunicazioni
- BG Scienza
- EUCIP IT Administrator
- Sistemista presso Project
- Università Milano Bicocca



# Cosa è l'Open-Source?

- Software di cui sono stati resi pubblici i sorgenti.
- Permettere a programmatori indipendenti di apportare modifiche e estensioni
- Regolato mediante licenze



# Perché condividere?

- La collaborazione di più programmatori permette lo sviluppo di grandi progetti
- La risoluzione di problemi diventa più rapida
- Idee diverse forniscono spunto per migliorare il progetto
- In caso di abbandono del fondatore il progetto può continuare a sopravvivere



# Quali strumenti utilizzare?

- Necessario archiviare codice
- Gestire versioni diverse
  - Separare versioni stabili da quelle di sviluppo
- Gestire diverse richieste di «merge» di sorgenti
  - Unire il codice proposto con quello attuale del programma



# Strumenti di controllo versione

Git	Mercurial	Subversion	CSV	Tarball
				

# Servizi di gestione del codice

GitHub	Bitbucket	GitLab	SourceForge	Launchpad	CodePlex
					
Gratis per progetti Open-Source	Gratis per gruppi con 5 persone	Disponibile on-premises e cloud	Solo per progetti Open-Source	Gratis per progetti Open-Source	Solo per progetti Open-Source
<a href="https://github.com/">https://github.com/</a>	<a href="https://bitbucket.org/">https://bitbucket.org/</a>	<a href="https://gitlab.com/">https://gitlab.com/</a>	<a href="https://sourceforge.net/">https://sourceforge.net/</a>	<a href="https://launchpad.net/">https://launchpad.net/</a>	<a href="https://www.codeplex.com/">https://www.codeplex.com/</a>

# I vantaggi di Git

- Utilizzo offline
- Semplice da utilizzare
- Supportato dalla maggior parte delle piattaforme
- Il più usato dagli sviluppatori Open-Source
- Disponibili diverse interfacce grafiche per un utilizzo immediato
- Disponibile come plugin per diversi IDE (Eclipse, Idea, VisualStudio, VS Code)
- Presente vasta documentazione



**Kowalski7cc**  
kowalski7cc  
Hacker, developer and gamer  
[Edit profile](#)

XSpaceSoft  
 Internet  
 kowalski.7cc@xspacesoft.com  
 http://xspacesoft.com  
 Joined on Jul 22, 2013

**Organizations**

Overview | **Repositories 4** | Stars 4 | Followers 3 | Following 5

Popular repositories [Customize your pinned repositories](#)

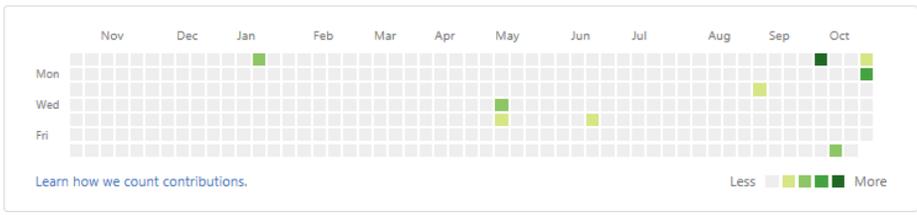
[Space-Orbit-Ion-Cannon](#)

★ 0 ● Java

[mygithubpage](#)

★ 0

22 contributions in the last year [Contribution settings](#)



Contribution activity Jump to **2016**

October 2016 2015

- Created 5 commits in 2 repositories 🔗
  - [kowalski7cc/mygithubpage](#) 4 commits
  - [kowalski7cc/Test](#) 1 commit

- Created 2 repositories 🔗
  - [kowalski7cc/mygithubpage](#) Oct 17
  - [kowalski7cc/Test](#) Oct 8

Created an issue in BrianLima/UWPHook that received 3 comments  
**Moving UWPHook results in launch error**

No description or website provided. — Edit

📄 37 commits    🌿 1 branch    📦 0 releases    👤 1 contributor

Branch: master ▾ [New pull request](#) [Create new file](#) [Upload files](#) [Find file](#) [Clone or download ▾](#)

 kowalski7cc committed on GitHub	Update pom.xml	Latest commit b1c5842 26 days ago
 .settings	Update maven script	2 years ago
 src	Various fixes	2 years ago
 .classpath	Update for maven autobuild	2 years ago
 .gitignore	Update to Java 8	2 years ago
 .project	Maven project	2 years ago
 .travis.yml	Rename travis.yml to .travis.yml	26 days ago
 MANIFEST.MF	Update for maven autobuild	2 years ago
 README.md	README.md edited online with Bitbucket	4 months ago
 pom.xml	Update pom.xml	26 days ago

 README.md



Space Orbit Ion Cannon

Branch: master

Commits on Sep 25, 2016

- Update pom.xml**  
kowalski7cc committed on GitHub 26 days ago ✓ b1c5842 [Code](#)
- Update pom.xml**  
kowalski7cc committed on GitHub 26 days ago ✗ 8a06b65 [Code](#)
- Rename travis.yml to .travis.yml**  
kowalski7cc committed on GitHub 26 days ago ✗ 0f4fce7 [Code](#)
- Update travis.yml**  
kowalski7cc committed on GitHub 26 days ago ✗ 1e0cca6 [Code](#)
- Travis-CI integration**  
kowalski7cc committed 26 days ago 964593a [Code](#)

Commits on Jun 16, 2016

- README.md edited online with Bitbucket**  
kowalski7cc committed on Jun 16 090bc82 [Code](#)

Commits on Feb 5, 2015

- Various fixes**  
kowalski7cc committed on Feb 5 2015 9fc60c1 [Code](#)
- Various fixes for reachability test**  
kowalski7cc committed on Feb 5 2015 70ec02d [Code](#)
- Removed javadoc**  
kowalski7cc committed on Feb 5 2015 3cd6bcc [Code](#)

Commits on Feb 4, 2015

- Various fixes**  
kowalski7cc committed on Feb 4 2015 9fc60c1 [Code](#)

**PropHunt (Hide'n'Seek) - Or...**

**ACTIONS**

- Clone
- Create branch
- Create pull request
- Compare
- Fork
- Edit in Codeanywhere
- Edit in Codeanywhere
- JFrog

**NAVIGATION**

- Overview
- Source
- Commits
- Branches
- Pull requests
- Pipelines **NEW**
- Issues **1**
- Wiki
- Downloads
- Settings

XSpaceSoft / Active Projects / PropHunt (Hide'n'Seek) - Original

## Overview

Download SSH git@bitbucket.org:xspacesoft/prophunt- Share

Last updated	2016-10-09	4	0
Website	<a href="http://steamcommunity.com/sharedfiles/filedetails/?id=135509255">http://steamcommunity.com/sharedfiles/filedetails/?id=135509255</a>	Branches	Tags
Language	Lua	4	5
Access level	Admin (revoke)	Forks	Watchers

**Invite users to this repo**

Send invitation

**Recent activity**

- 1 commit  
Pushed to xspacesoft/prophunt-hidenseek-original  
ad64b4c COPYNG created online with Bitb...  
Kowalski Konqueror · 2016-10-09
- 1 commit  
Pushed to xspacesoft/prophunt-hidenseek-original  
f0c902c LICENSE.md deleted online with...  
Kowalski Konqueror · 2016-10-09
- 1 commit  
Pushed to xspacesoft/prophunt-hidenseek-original  
4a8b05b README.md edited online with Bi...  
Kowalski Konqueror · 2016-10-09
- Prop\_Hunt.txt updated to allow change...  
Pull request #1 merged in xspacesoft/prophunt-hidenseek-original  
Kowalski Konqueror · 2016-08-21
- 3 commits  
Pushed to xspacesoft/prophunt-hidenseek-original  
1d0945f Merged in bretpenzer123/prophu...  
87ed622 prop\_hunt.txt edited  
0205255 Prop\_Hunt.txt updated to allow ch...

## PropHunt (Hide'n'Seek) - Original

PropHunt plays much like a Hide and Seek. Players on the RED team, disguised as props, are given a 30 second set up time to hide, and afterwards players on the BLUE team must find and kill them in the given time period. At the end of each round, teams are swapped: Hunters (BLUE) become the Hunted (RED) and vice versa. Respawns aren't permitted until the end of each round. -Originally made for TF2 -

## PLEASE READ THIS - PLEASE READ THIS - PLEASE READ THIS - PLEASE READ THIS

I still have issues supporting this H&S mod 'cause of my little free time, sorry! I'll do my best. They might not work correctly with this/other mod/s on the workshop or they also might not work at all, damage your PC, burn your house down with lemons or even kill your cat. (Yep, true story!)

## Known issues

ATTENTION! the addons "Post Processing PLUS" and "Player Weld Tool" are incompatible and have conflicts with the "PropHunt" mod if you have the "Post Processing PLUS" and "Player Weld Tool" addons enabled you cannot play the PropHunt mod, to play PropHunt mod disable these addons. (Thanks to ALMAJ)

## F.A.Q.

- Q: How do I download/subscribe/get this? A: It's pretty easy, just press the BIG GREEN button, and automatically Steam will install this for you
- Q: I subscribed to Prop Hunt, Why it doesn't show in the Steam Library? A: Actually It downloads automatically when you launch Garry's Mod, When it's finished downloading, You can chose the gamemode from there.
- Q: I read A1, But I still did not get the addon. A: Do you have garry's mod? If not, then purchase the game.
- Q: Why do i need garry's mod for PropHunt to work? A: Well, Actually PropHunt is a gamemode addon for Garry's Mod.
- Q: Do I need something else to play? A: This gamemode might require CS:S for some props/maps. Anyway if you bought GMOD with CS:S you're ready to go ;)
- Q: How do i disguise as a prop? A: You need to be in the "hidiers" team, obviously. If so, place yourself in front of a prop and press 'E'.

**PropHunt (Hide'n'Seek) - Or...**

**ACTIONS**

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XSpaceSoft / Active Projects / PropHunt (Hide'n'Seek) - Original

## Commits

All branches

Author	Commit	Message	Date	Builds
Kowalski Konq...	ad64b4c	COPYNG created online with Bitbucket	2016-10-09	
Kowalski Konq...	f0c902c	LICENSE.md deleted online with Bitbucket	2016-10-09	
Kowalski Konq...	4a8b05b	README.md edited online with Bitbucket	2016-10-09	
Kowalski Konq...	1d0945f <b>M</b>	Merged in brettpenzer123/prophunt-hidenseek-original-1/brettpenzer123/prop_hunttxt-updated-to-allow-changes-ma-1467550940915 (pull request #1) Prop_Hunt...	2016-08-21	
Brett Penzer	87ed622	prop_hunt.txt edited	2016-07-03	
Brett Penzer	0205255	Prop_Hunt.txt updated to allow changes made from gamemode menu.	2016-07-03	
Kowalski Konq...	7baf370	blacklisted *.db files	2015-04-02	GM13
Kowalski Konq...	88a752a	prop_hunt.txt update	2015-04-02	
Kowalski Konq...	d1f88ac	README.md edited online with Bitbucket	2015-04-02	
Kowalski Konq...	6c39a1c <b>M</b>	Merge pull request #33 from xspacesoft/GM13 Big update	2015-04-02	
Kowalski Konq...	2d63d0c <b>M</b>	Merge pull request #32 from kowalski7cc/GM13 Gm13	2015-04-02	
Kowalski Konq...	a781136 <b>M</b>	Merge pull request #1 from kowalski7cc/testing Big Gm13 Update	2015-04-02	
Kowalski Konq...	c48dc4e	Big update	2015-04-02	
Kowalski Konq...	85c4be3	Update	2015-04-02	
Kowalski Konq...	81b5fd0	Test	2015-04-02	
Kowalski Konq...	05c64eb <b>M</b>	Merge pull request #31 from xspacesoft/GM13 Addon.json added	2015-04-02	
Kowalski Konq...	07ef1a7 <b>M</b>	Merge pull request #30 from kowalski7cc/master Update prop_hunt.txt	2015-04-02	
Kowalski Konq...	7124c99	Changed title	2015-03-31	
Kowalski Konq...	3524103 <b>M</b>	Merge pull request #29 from kowalski7cc/GM13 lower case	2015-03-31	
Kowalski Konq...	5528081	lower case	2015-03-31	
Kowalski Konq...	391e6f8 <b>M</b>	Merge pull request #28 from kowalski7cc/GM13 Commit	2015-03-31	
Kowalski Konq...	8cdd7a5	Commit	2015-03-31	

SourceTree

File Modifica Visualizza Repository Azioni Strumenti Aiuto

Clona / Nuovo Commit Invia Ricevi Fetch Ramo Unisci Accantona Scarta Etichetta

Flusso Git Terminale Explorer Impostazioni

ps3-customization C:\Users\kowa\Docum... telegram-bot-client x... prophunt-hidenseek-or... x... space-orbit-ion-cannon x... Unigram x...

ps3-customization x telegram-bot-client x prophunt-hidenseek-or... x space-orbit-ion-cannon x Unigram x

File in attesa, ordinati per stato del file

File in stage Unstage All Unstage Selected

- src/com/kowalski7cc/botclient/types/AnswerInlineQuery.java
- src/com/kowalski7cc/botclient/types/User.java
- src/com/kowalski7cc/botclient/types/TelegramFile.java
- src/com/kowalski7cc/botclient/types/Sticker.java
- src/com/kowalski7cc/botclient/types/PhotoSize.java
- src/com/kowalski7cc/botclient/types/Message.java
- src/com/kowalski7cc/botclient/types/Location.java
- src/com/kowalski7cc/botclient/types/InlineQuery.java
- src/com/kowalski7cc/botclient/types/GroupChat.java
- src/com/kowalski7cc/botclient/types/Document.java
- src/com/kowalski7cc/botclient/types/Contact.java
- src/com/kowalski7cc/botclient/types/Chat.java
- src/com/kowalski7cc/botclient/types/Audio.java
- src/com/kowalski7cc/botclient/types/Video.java

File rimossi dallo stage Stage All Stage Selected

Kowalski7cc <kowalski.7cc@xspacesoft.com> Opzioni di commit...

Invia immediatamente la commissione a origin/master Commit

Stato del file Registro / Storia Cerca

SourceTree

File Modifica Visualizza Repository Azioni Strumenti Aiuto

Clona / Nuovo Commit Invia Ricevi Fetch Ramo Unisci Accantona Scarta Etichetta

Flusso Git Terminale Explorer Impostazioni

ps3-customization C:\Users\kowa\Docum... telegram-bot-client x prophunt-hidenseek-or... x space-orbit-ion-cannon x Unigram x

Tutti i rami  Mostra rami remoti Ordina per data

STATO DEL

Copia di lav

RAMI

master

ETICHETTE

PERCORSI I

origin

	Grafo	Descrizione	Data	Autore	Commissione
		<b>Modifiche non commissionate</b>	9 ott 2016 20:41	*	*
	o	prop_hunt.txt edited	21 ago 2016 15:29	Kowalski Prime <k	1d0945f
		prop_hunt.txt update	3 lug 2016 15:04	Brett Penzer <brett	87ed622
		prop_hunt.txt update	3 lug 2016 15:02	Brett Penzer <brett	0205255
		prop_hunt.txt update	2 apr 2015 17:19	Kowalski Konquerc	88a752a
		README.md edited online with Bitbucket	2 apr 2015 14:56	Kowalski Konquerc	d1f88ac
		Merge pull request #33 from xspacesoft/GM13	2 apr 2015 14:50	Kowalski <kowalsk	6c39a1c
		Merge pull request #32 from kowalski7cc/GM13	2 apr 2015 14:49	Kowalski <kowalsk	2d63d0c
		Merge pull request #1 from kowalski7cc/testing	2 apr 2015 14:49	Kowalski <kowalsk	a781136
		Big update	2 apr 2015 14:46	kowalski7cc <kowi	c48dc4e
		Update	2 apr 2015 14:41	kowalski7cc <kowi	85c4be3
		Test	2 apr 2015 14:23	kowalski7cc <kowi	81b5fd0
		Merge pull request #31 from xspacesoft/GM13	2 apr 2015 14:12	Kowalski <kowalsk	05c64eb
		Merge pull request #30 from kowalski7cc/master	2 apr 2015 14:11	Kowalski <kowalsk	07ef1a7
		Changed title	31 mar 2015 18:16	Kowalski <kowalsk	7124c99
		Merge pull request #29 from kowalski7cc/GM13	31 mar 2015 18:15	Kowalski <kowalsk	3524103
		lower case	31 mar 2015 18:15	kowalski7cc <kowi	5528081
		Merge pull request #28 from kowalski7cc/GM13	31 mar 2015 18:13	Kowalski <kowalsk	391e6f8
		Commit	31 mar 2015 18:12	kowalski7cc <kowi	8cdd7a5
		Update prop_hunt.txt	31 mar 2015 17:41	Kowalski <kowalsk	a8dab55
		Merge pull request #28 from kowalski7cc/GM13	31 mar 2015 17:41	Kowalski <kowalsk	10027a1

File in attesa, ordinati per stato del file

File in stage

File rimossi dallo stage

```

gamemodes/prop_hunt/entities/entities/ph_prop/cl_init.lua
gamemodes/prop_hunt/entities/entities/ph_prop/init.lua
gamemodes/prop_hunt/entities/entities/ph_prop/shared.lua
gamemodes/prop_hunt/gamemode/cl_init.lua
gamemodes/prop_hunt/gamemode/cl_worldtips.lua
gamemodes/prop_hunt/gamemode/player_class/class_hunter.lua
gamemodes/prop_hunt/gamemode/player_class/class_prop.lua

```

gammodes/prop\_hunt/entities/entities/ph\_prop/shared.lua

```

1  - -- Entity information
2  - ENT.Type = "anim"
3  - ENT.Base = "base_anim"
1  + -- Entity information
2  + ENT.Type = "anim"
3  + ENT.Base = "base_anim"

```

Stato del file Registro / Storia Cerca

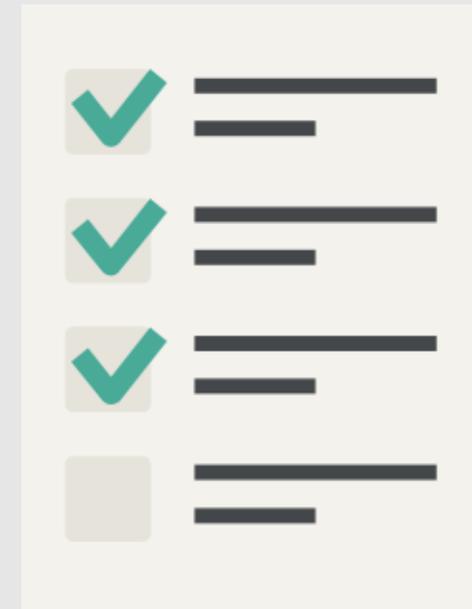
# Automatizziamo il processo di build

- Usiamo strumenti come Maven, Ant, Gradle per creare uno script di build
- Packaging automatico
- Gestione automatic delle librerie
- Possibilità di aggiungere plugin per estendere funzionalità



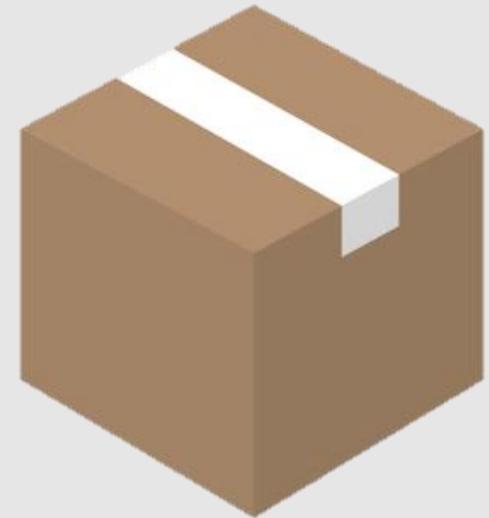
# Utilizziamo strumenti di test e distribuzione

- Verifica automatica degli errori dopo un merge di codice
  - Non è più necessario ricompilare sul proprio pc il progetto per verificarne il funzionamento
- Distribuzione automatica del programma
- Possibilità di automatizzare deploy
  - Artifacts verso Maven Central
  - Aggiornare l'applicativo in produzione in automatico



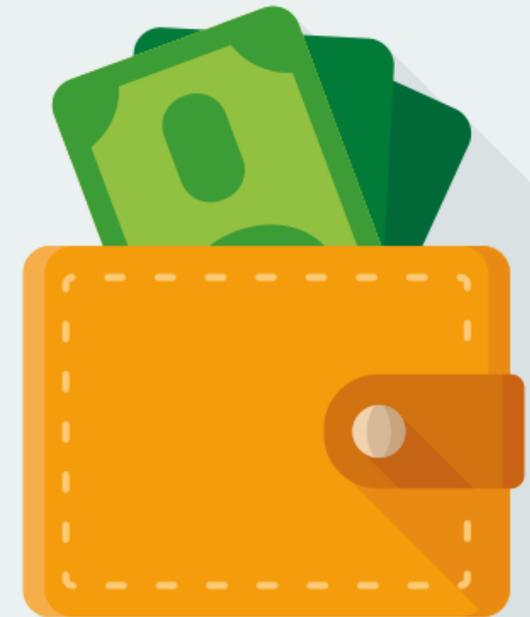
# Strumenti di test e distribuzione

- Drone.io
- TravisCI
- Jenkins
- Bitbucket Pipeline



# Costi di mantenimento

- A pagamento per progetti privati (GitHub)
- A pagamento per gruppi 5+ persone (Bitbucket)
- Gratis per i progetti Open-Source (GitHub, TravisCI, Bitbucket)





Project Explorer showing the file structure of the PS3 Customization project:

- PS3 Customization [ps3-customiza]
- src
- JRE System Library [JavaSE-1.8]
- Referenced Libraries
- Maven Dependencies
- libs
- target
  - dependency-reduced-pom.xml
  - forms-1.3.0-src.zip
  - forms-1.3.0.jar
  - pom.xml
  - PS3\_Custom.icns
  - PS3\_Custom.ico
  - PS3\_Custom.png
  - PS3Cus.xml
  - README.md
- Test

Git Repositories view showing the local repository for ps3-customization [master] - C:\...

- ps3-customization [master] - C:\...
- Branches
- Tags
- References
- Remotes
  - Bitbucket
  - GitHub
- Working Tree - C:\Users\kowl\...

```
12 </repositories>
13 <dependencies>
14   <dependency>
15     <groupId>com.github.asbachb</groupId>
16     <artifactId>ftp4j</artifactId>
17     <version>1.7.3</version>
18   </dependency>
19   <dependency>
20     <groupId>us.monoid.web</groupId>
21     <artifactId>resty</artifactId>
22     <version>0.3.2</version>
23   </dependency>
24 </dependencies>
25 <build>
26   <sourceDirectory>src</sourceDirectory>
27   <resources>
28     <resource>
29       <directory>src</directory>
30       <excludes>
31         <exclude>**/*.java</exclude>
32       </excludes>
33     </resource>
34   </resources>
35   <plugins>
36     <!-- Build with Java 7 -->
37     <plugin>
38       <artifactId>maven-compiler-plugin</artifactId>
39       <version>3.5</version>
40       <configuration>
41         <source>1.7</source>
42         <target>1.8</target>
43       </configuration>
44     </plugin>
45   </plugins>

```

Overview | Dependencies | Dependency Hierarchy | Effective POM | pom.xml

Problems | @ Javadoc | Declaration | Console | Error Log | Git Staging

No consoles to display at this time.

Task List

Find [ ] All Activate...

Outline

> <> project xmlns=http://maven.apac

```
workspace - Java - PS3 Customization/pom.xml - Eclipse
File Edit Navigate Search Project Run Design Window Help
Quick Access
Problems @ Javadoc Declaration Console Error Log Git Staging
<terminated- C:\Program Files\Java\jdk1.8.0_101\bin\javaw.exe (09 ott 2016, 14:49:45)
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-containers/1.5.4/plexus-containers-1.5.4.pom (5 KB at 23.3 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.5/plexus-2.0.5.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/2.0.5/plexus-2.0.5.pom (17 KB at 83.0 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.0/maven-plugin-descriptor-2.2.0.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.0/maven-plugin-descriptor-2.2.0.pom (3 KB at 3.1 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.2.0/maven-plugin-api-2.2.0.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-api/2.2.0/maven-plugin-api-2.2.0.pom (2 KB at 1.0 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.pom (11 KB at 18.4 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/14/commons-parent-14.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/14/commons-parent-14.pom (31 KB at 52.8 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.1.1/commons-logging-1.1.1.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.1.1/commons-logging-1.1.1.pom (18 KB at 30.1 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/5/commons-parent-5.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/5/commons-parent-5.pom (16 KB at 32.3 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/ant/ant/1.7.0/ant-1.7.0.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/ant/ant/1.7.0/ant-1.7.0.pom (10 KB at 39.5 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/ant/ant-parent/1.7.0/ant-parent-1.7.0.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/ant/ant-parent/1.7.0/ant-parent-1.7.0.pom (5 KB at 23.9 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/ant/ant-launcher/1.7.0/ant-launcher-1.7.0.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/ant/ant-launcher/1.7.0/ant-launcher-1.7.0.pom (3 KB at 12.9 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream/1.3.1/xstream-1.3.1.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream/1.3.1/xstream-1.3.1.pom (12 KB at 53.7 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream-parent/1.3.1/xstream-parent-1.3.1.pom
[INFO] Downloaded: https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream-parent/1.3.1/xstream-parent-1.3.1.pom (14 KB at 64.1 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.4/plexus-component-annotations-1.5.4.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-component-annotations/1.5.4/plexus-component-annotations-1.5.4.jar (5 KB at 23.1 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.0/maven-plugin-descriptor-2.2.0.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/maven-plugin-descriptor/2.2.0/maven-plugin-descriptor-2.2.0.jar (39 KB at 37.4 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.jar (227 KB at 145.2 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.1.1/commons-logging-1.1.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/commons-logging/commons-logging/1.1.1/commons-logging-1.1.1.jar (60 KB at 88.2 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/ant/ant/1.7.0/ant-1.7.0.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/ant/ant/1.7.0/ant-1.7.0.jar (1260 KB at 191.4 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/org/apache/ant/ant-launcher/1.7.0/ant-launcher-1.7.0.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/ant/ant-launcher/1.7.0/ant-launcher-1.7.0.jar (12 KB at 41.8 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream/1.3.1/xstream-1.3.1.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream/1.3.1/xstream-1.3.1.jar (422 KB at 128.6 KB/sec)
[INFO] Downloading: https://repo.maven.apache.org/maven2/com/akathist/maven/plugins/launch4j/launch4j-maven-plugin/1.5.1/launch4j-maven-plugin-1.5.1-workdir-win32.jar
[INFO] Downloaded: https://repo.maven.apache.org/maven2/com/akathist/maven/plugins/launch4j/launch4j-maven-plugin/1.5.1/launch4j-maven-plugin-1.5.1-workdir-win32.jar (704 KB at 102.7 KB/sec)
[INFO] launch4j: Compiling resources
[INFO] launch4j: Linking
[INFO] launch4j: Wrapping
[INFO] launch4j: Successfully created C:\Users\kowl\Documents\Git\space-orbit-ion-cannon\target\soic.exe
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ soic ---
[INFO] Installing C:\Users\kowl\Documents\Git\space-orbit-ion-cannon\target\soic-snapshot.jar to C:\Users\kowl\.m2\repository\Soic2\soic\snapshot\soic-snapshot.jar
[INFO] Installing C:\Users\kowl\Documents\Git\space-orbit-ion-cannon\pom.xml to C:\Users\kowl\.m2\repository\Soic2\soic\snapshot\soic-snapshot.pom
[INFO] Installing C:\Users\kowl\Documents\Git\space-orbit-ion-cannon\target\soic-snapshot-shaded.jar to C:\Users\kowl\.m2\repository\Soic2\soic\snapshot\soic-snapshot-shaded.jar
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 50.649 s
[INFO] Finished at: 2016-10-09T14:50:38+02:00
[INFO] Final Memory: 20M/204M
[INFO] -----
```

Telegram Bot Client

**ACTIONS**

- Clone
- Create branch
- Create pull request
- Compare
- Fork
- Edit in Codeanywhere
- Edit in Codeanywhere
- JFrog

**NAVIGATION**

- Overview
- Source
- Commits
- Branches
- Pull requests
- Pipelines** NEW
- Issues
- Downloads
- Settings

Help and feedback

XSpaceSoft / telegr...client / Pipelines Successful

**Pipelines**

Duration: 14 sec  
Started: 18 hours ago  
[View configuration](#)

5157fa4  
Changed hosting for maven artifact

Kowalski Konqueror

dev

Help and feedback

**Logs** Download raw

```
124/226 KB
128/226 KB
132/226 KB
136/226 KB
140/226 KB
144/226 KB
148/226 KB
152/226 KB
156/226 KB
160/226 KB
164/226 KB
168/226 KB
172/226 KB
176/226 KB
180/226 KB
184/226 KB
188/226 KB
192/226 KB
196/226 KB
200/226 KB
204/226 KB
208/226 KB
212/226 KB
216/226 KB
220/226 KB
224/226 KB
226/226 KB

Downloaded: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-utils-3.0.5.jar (226 KB at 9376.9 KB/sec)
[INFO] Installing /opt/atlassian/pipelines/agent/build/target/botclient-0.0.1.jar to
/root/.m2/repository/com/kowalski7cc/botclient/0.0.1/botclient-0.0.1.jar
[INFO] Installing /opt/atlassian/pipelines/agent/build/pom.xml to /root/.m2/repository/com/kowalski7cc/botclient/0.0.1/botclient-0.0.1.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 5.281 s
[INFO] Finished at: 2016-10-20T18:50:05+00:00
[INFO] Final Memory: 23M/472M
[INFO] -----
```



# Proteggiamo il progetto

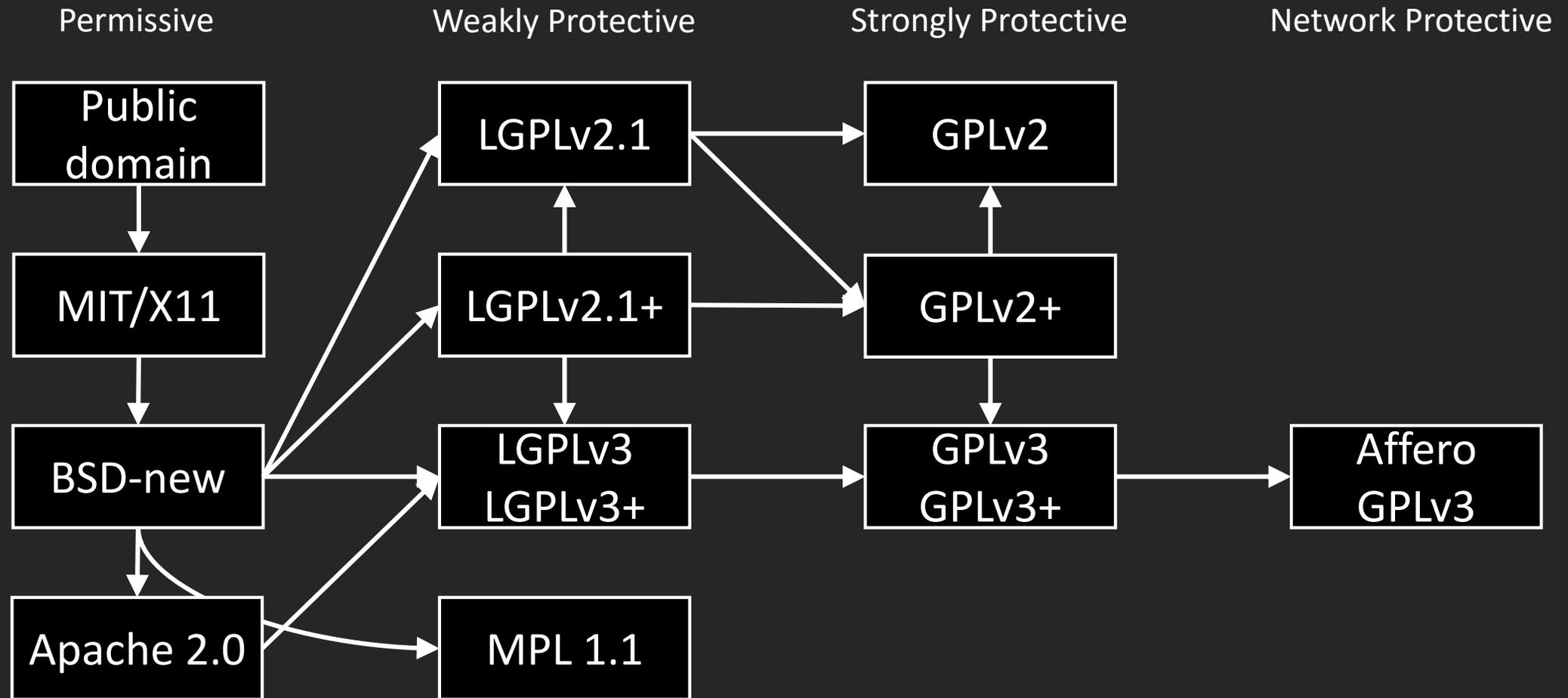
- Le licenze regolano il modo in cui è possibile riutilizzare il codice e ridistribuire il progetto
- Definisce i permessi relativi all'utilizzo del codice pubblicato
- Stabilisce le condizioni d'uso
- Impone limiti di utilizzo dei sorgenti e degli applicativi



# Tipologie di licenze

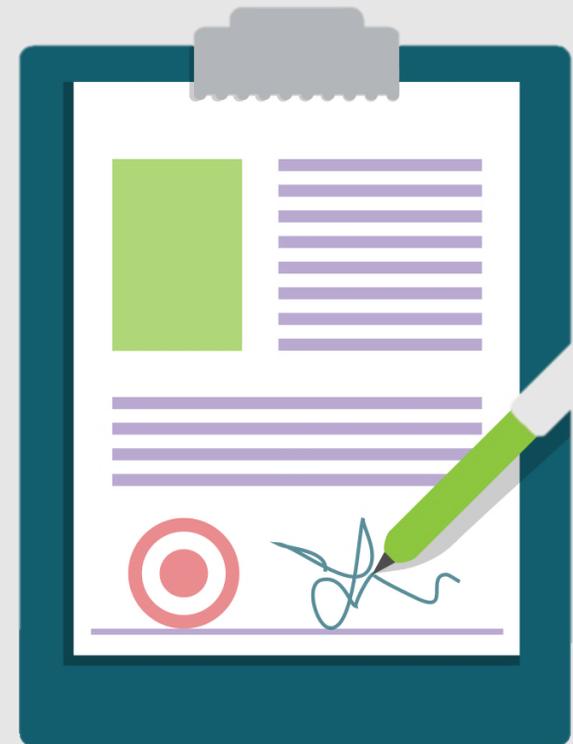
	AGPL	GPL	LGPL	Apache	MIT	Mozilla	Unlicense
Uso commerciale	●	●	●	●	●	●	●
Ridistribuzione	●	●	●	●	●	●	●
Modifiche	●	●	●	●	●	●	●
Uso brevetti	●	●	●	●		●	
Uso privato	●	●	●	●	●	●	●
Distribuzione sorgenti	●	●	●			●	
Ridistribuzione della licenza	●	●	●	●	●	●	
L'utilizzo come servizio è distribuzione	●						
Stessa licenza	●	●	●	●		●	
Notifica dei cambiamenti	●	●	●				
Nessuna responsabilità	●	●	●	●	●	●	●
Divieto uso del marchio				●		●	

# Compatibilità delle licenze



# Contributor license agreement

- La licenza non è sufficiente
- Bisogna concedere o trasferire i copyright al progetto
- Prima di accettare codice è necessario far sottoscrivere un contratto di licenza del contributore



# Teniamo in vita il progetto

- Non dipendere il progetto open-source dai prodotti di un'azienda for-profit
- Evitare il linking di codice closed-source a codice open-source
- Evitare di lavorare in un area legale grigia di un'altra azienda
- Non vendere il progetto a un'azienda for-profit e continuare ad accettare contribuzioni



# Grazie per l'attenzione

## Fonti:

- <http://choosealicense.com/> - Choose a License
- <http://www.slideshare.net/RyanMichela/kicking-the-bukkit-anatomy-of-an-open-source-meltdown> - Kicking the Bukkit
- <https://www.clahub.com/> - CLA Hub