

Research on Open Source Licenses

Open Source Programming class 1.

TEAM 4. 심현지 조서영 진다혜 홍순일

What is Open Source License

: a type of license for computer software



BSD

BSD

MIT

Apache

- easy to use
- permissive




GPL

GPL

LGPL

AGPL

- strong copyleft



MPL

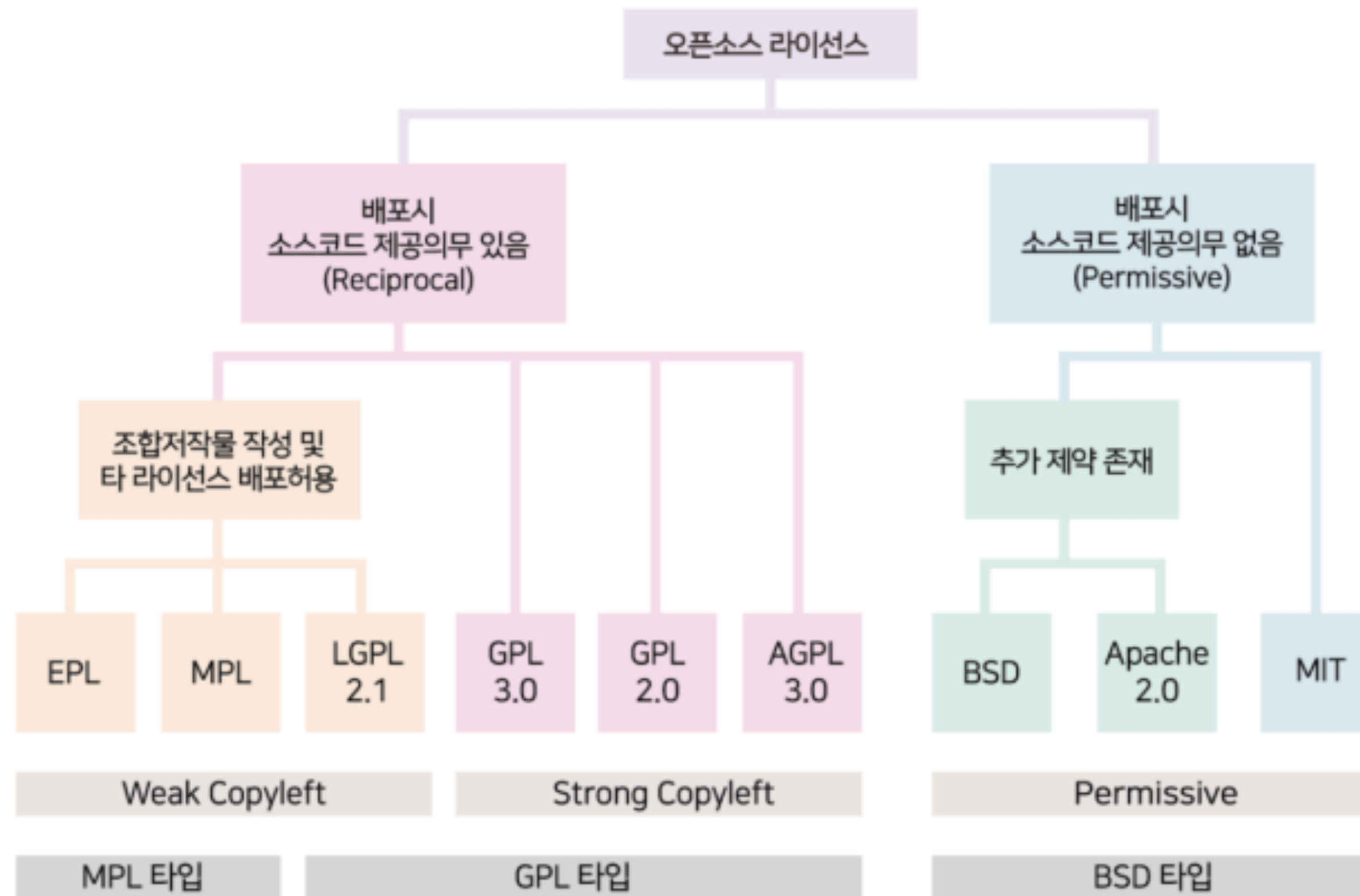
MPL

CDDL

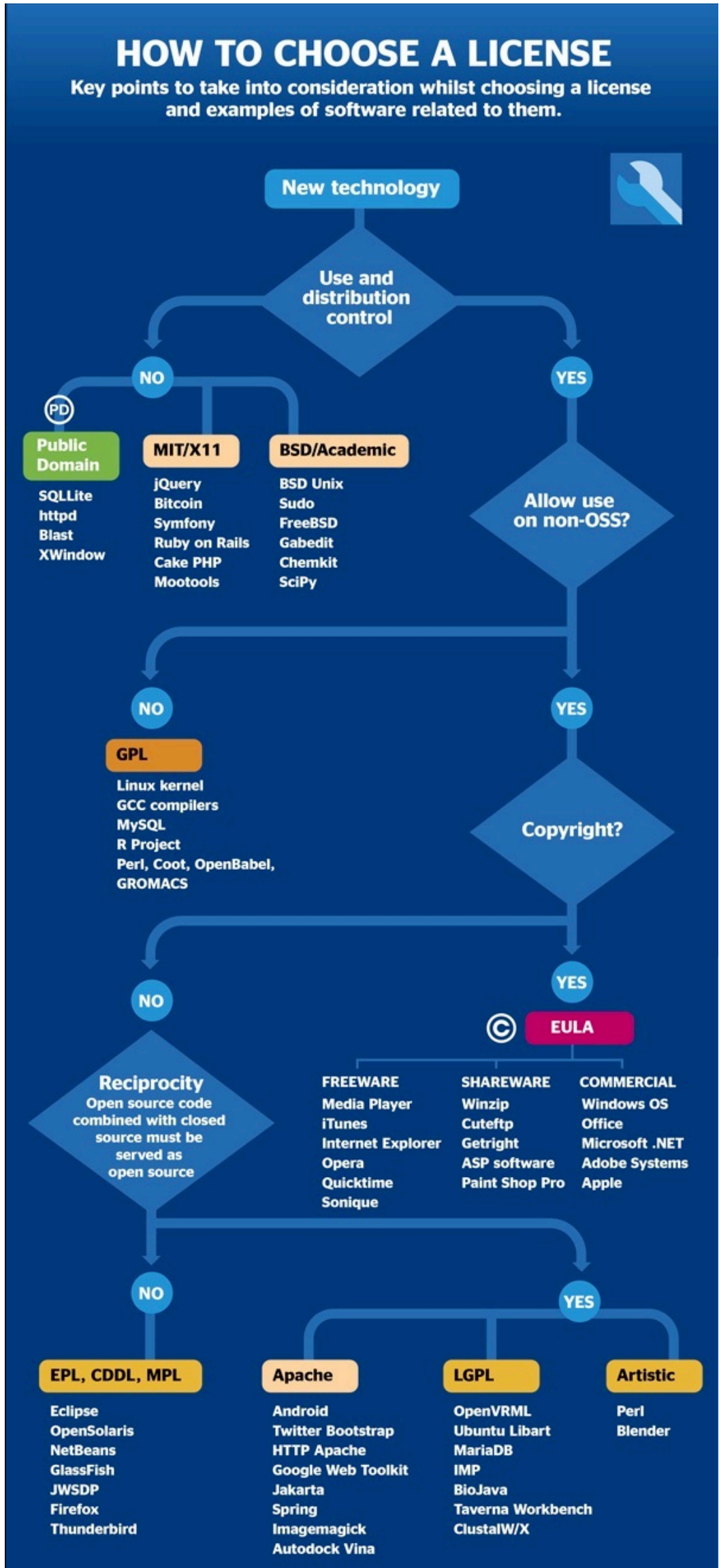
CPL/EPL

- weak copyleft

Comparison of Open source licenses



Guidance to choose a Open source license



How to Apply in our project

: check licenses

Python Software Foundation License

한글본영문본한영본

본 라이선스는 Non-reusable 라이선스이다.

이 라이선스 계약서는 Python 소프트웨어 재단("PSF")과 이 소프트웨어("Python")를 소스 형식이나 바이너리 형식으로 액세스하거나 사용하고 관련 문서를 사용하는 개인 또는 기관("라이선스를 받은 자") 사이에서 이루어진다. 본 라이선스 계약서의 규정과 조건에 의해 구속되어, PSF는 라이선스를 받은 자에게 Python을 단독으로, 또는 어떤 파생 버전의 형태로 복제, 분석, 테스트, 실행, 전시, 파생 저작물 작성, 배포 및 기타 방식으로 사용할 수 있는 비독점적이고 사용료가 없는, 전 세계에서 사용할 수 있는 라이선스를 부여한다. 단, 이를 위해서는 PSF의 라이선스 계약서와 PSF의 저작권 표시, 즉, "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python 소프트웨어 재단; 모든 권리를 보유함"이라는 공지가 Python 에 단독으로, 또는 라이선스를 받은 자에 의해 만들어진 파생 버전 내에 포함되어 있어야 한다.

버전 : 2.0

관리기관 : PSF(Python Software Foundation)

라이선스 계열 : BSD

웹사이트 바로가기 : PSF(Python Software Foundation)

- Python : PSF-2.0 License

License

This library is distributed under [GNU LGPL version 2.1](#), which can be found in the file `docs/LGPL.txt` . We reserve the right to place future versions of this library under a different license.

This basically means you can use pygame in any project you want, but if you make any changes or additions to pygame itself, those must be released with a compatible license (preferably submitted back to the pygame project). Closed source and commercial games are fine.

The programs in the `examples` subdirectory are in the public domain.

See docs/licenses for licenses of dependencies.

- Pygame : LGPL

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: check licenses

- Python : PSF-2.0 License

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수정사항의 특징을 표시

- Pygame : LGPL

주요 특징:
LGPL 라이브러리를 이용한 응용프로그램의 경우 소스코드 제공없이 배포가능(제6조)
결합 라이브러리의 작성 허용

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원본저작물 및 파생저작물에 대한 소스코드를 제공하거나, 요청시 제공할겠다는 약정서 제공
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사용자가 라이브러리를 수정해도 응용프로그램을 사용할 수 있도록 (예를 들어 오브젝트코드를 제공하거나 공유라이브러리 방식 등을 이용하여) 허용

→ we have to distribute our project under LPGL license

How to Apply in our project

: add the following sentences in our program

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Please refer to the LICENSE.txt file in this program folder for each license copy.

Python

<https://www.python.org/>

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PSF-2.0 License

Pygame

<https://www.pygame.org/>

Copyright (c) 2021 Pygame Community

GPLv3 License

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Version 2.1, February 1999

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