

Software Licensing

Closed-Sources

- Microsoft & Apple
- Required to purchase.
- Do not permit anyone to modify their operating system code.
- For Personal or Business use

Open-Source

- Linux
- Collaborators work together from around the world.
- Allowed to open and modify the operating system's kernel, the heart of the operating system.

Software Packaging

Shareware

- An application that can be installed as a trial limited by time and/or functionality.
- If the user decides to purchase the application or subscription, they then get the full functionality.
- Protected by end-user license agreements (EULA) and copyright laws (where applicable)

Freeware

- Free
- Protected by end-user license agreements (EULA) and copyright laws (where applicable)

Public Domain

- Has NO EULA and NO intellectual property protections and is available for anyone to download and user at their own discretion.
- US a copyright gives an author of a software package the ability to prevent unauthorized duplication for at least 35 years.

Copyright and Patents

Copyright

- Protects the expression of a specific idea and original works of authorship.
- Aims to ensure a fair return to authors for their creative efforts and to promote artistic innovation for the public good.
- Obtained automatically upon the creation of the work; no need to apply.
- Example: Literary works, artistic works, musical works, software code, films and videos.

Patents

- Protect unique methods, algorithms, or processes within software applications.
- May not cover the entire software package.
- Encourages innovation by granting exclusive rights for a limited time, allowing creators to control and benefit from their inventive contributions in software and hardware realms.
- Also relates to hardware and hardware components.
- Examples: Software Algorithms, Innovative processes, New Inventions, Biotechnological Innovations, Mechanical Devices
- Utility vs Design Patents
 - Utility: Software Algorithms, Mechanical Inventions, Pharmaceutical Formulation, Electronic Device, Manufacturing Process
 - Design: Smartphone Design, Furniture Design, Bottle Shape, Automotive Exterior, Fashion Accessories.