

Practical 1

License Name	Short Description
No license	Code is fully copyrighted; others cannot legally use, modify, or distribute it.
Apache License 2.0	Permissive license allowing reuse, modification, and distribution with attribution and patent protection.
GNU General Public License v3.0 (GPL-3.0)	Strong copyleft license; modified versions must also be open-source under the same license.
MIT License	Very permissive; allows almost unrestricted use with attribution and disclaimer.
BSD 2-Clause "Simplified" License	Permissive license allowing redistribution with minimal conditions and attribution.
BSD 3-Clause "New/Revised" License	Similar to BSD-2, but prohibits using the author's name for endorsement.
Boost Software License 1.0	Simple permissive license allowing free use and modification with minimal restrictions.
Creative Commons Zero v1.0 Universal (CC0)	Waives all copyright; code is effectively placed in the public domain.
Eclipse Public License 2.0	Weak copyleft license mainly for Eclipse projects; allows commercial use.
GNU Affero General Public License v3.0 (AGPL-3.0)	Like GPL, but also requires source disclosure for network/server use.
GNU General Public License v2.0 (GPL-2.0)	Copyleft license requiring derivative works to remain open-source.
GNU Lesser General Public License v2.1 (LGPL-2.1)	Weaker copyleft; allows linking with proprietary software.
Mozilla Public License 2.0 (MPL-2.0)	File-level copyleft; modified files must be open-source, but can mix with closed code.
The Unlicense	Dedicates code to the public domain with no restrictions.

License	Open Source (OSI)	Copyleft Strength	Commercial Use	Cloud / SaaS Friendly	Attribution Required	Ease of Adoption	Typical Use Case
MIT	<input type="checkbox"/> Yes	<input type="checkbox"/> None	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes (copyright notice)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Very Easy	Libraries, early startups
Apache 2.0	<input type="checkbox"/> Yes	<input type="checkbox"/> None	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes + NOTICE file	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Easy	Startups needing patent grant
BSD 2-Clause	<input type="checkbox"/> Yes	<input type="checkbox"/> None	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Easy	Academic & research code
BSD 3-Clause	<input type="checkbox"/> Yes	<input type="checkbox"/> None	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes + no endorsement	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Easy	Prevents name misuse
Boost 1.0	<input type="checkbox"/> Yes	<input type="checkbox"/> None	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes (minimal)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Easy	Low-friction reuse
MPL 2.0	<input type="checkbox"/> Yes	<input type="checkbox"/> Weak (file-level)	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Medium	Balanced control
LGPL 2.1	<input type="checkbox"/> Yes	<input type="checkbox"/> Weak (library-level)	<input type="checkbox"/> Yes	<input type="checkbox"/> Limited	<input type="checkbox"/> Yes	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Medium	Shared libraries
GPL 2.0	<input type="checkbox"/> Yes	<input type="checkbox"/> Strong	<input type="checkbox"/> Limited	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> <input type="checkbox"/> Hard	Enforce open-source sharing
GPL 3.0	<input type="checkbox"/> Yes	<input type="checkbox"/> Strong+	<input type="checkbox"/> Limited	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> <input type="checkbox"/> Hard	Hardware + software protection
AGPL 3.0	<input type="checkbox"/> Yes	<input type="checkbox"/> Very Strong	<input type="checkbox"/> Limited	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> Hard	Prevent closed SaaS usage
CC0	<input type="checkbox"/> Yes	<input type="checkbox"/> None	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Very Easy	Public-domain release
Unlicense	<input type="checkbox"/> Yes	<input type="checkbox"/> None	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Easy	Full freedom
Custom License	<input type="checkbox"/> Usually No	Varies	<input type="checkbox"/> Depends	<input type="checkbox"/> Depends	<input type="checkbox"/> Depends	<input type="checkbox"/> Very Hard	Business-specific control
No License	<input type="checkbox"/> No	N/A	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> N/A	<input type="checkbox"/> Very Hard	Private/internal only

Platform	Public Repos	Private Repos	CI/CD	Self-Host	Best For
GitHub	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Open source, community
GitLab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Startups, DevOps
Bitbucket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Jira users
Gitea	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lightweight hosting
Codeberg	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pure open source
SourceHut	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minimalists