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This comment is filed by the Free Software Foundation, a charitable corporation founded in 1985. The Foundation is the largest single copyright holder of the GNU operating system (used widely today in its GNU/Linux variant). The Foundation's GNU General Public License is the most widely used free software license, covering major components of the GNU operating system, and tens of thousands of other computer programs used on hundreds of millions of computers around the world.

Proposed Class 11: Computer Programs—Avionics

The GNU/Linux operating system has become one of the most widely used operating systems on the planet. The GNU System and the kernel Linux are called free software, because users are free to study, share, and improve the software. This approach to software sharing and collaborative improvement has resulted in an incredibly powerful operating system, used everywhere from the International Space Station, to the US Department of Defense, to laptops used by millions. There is no longer any doubt that digital restrictions are totally unnecessary to achieve the socially beneficial purposes envisioned by copyright law. In fact, the continued existence of digital restrictions only hampers software development and cultural production, and amounts to a government subsidy for companies following outmoded and unethical practices.

Those who promote free software believe that controlling one's own computing should be a universal right. Digital restrictions interfere with the ability to enjoy this right. Circumventing such restrictions for any use should not come with the threat of legal sanction. The process of continually applying for exemptions under 17 U.S.C. 1201 is onerous, and instead, any circumvention for a non-infringing purpose should be permitted.

However, where exemptions are used to safeguard the public from these laws, it must be the case that exemptions should cover the sharing and distribution of software and instructions for circumventing access control technologies. Without this, exemptions are near useless, since it would require everyone who wants to act within their scope to write their own software to do so.

With regard to this particular exemption, all users have a legitimate right to circumvent controls on avionics software. Users must be able to control their own computing, and this is even more important when it comes to the computing needed to keep aircrafts aloft. Owners of aircrafts should always be permitted to study and modify the software involved in flight. The exemption should extend to all works of software and devices, and should further extend to the sharing of tools users need to circumvent such controls.

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