## Comparison of GNU GPL and Creative Commons Attribution ShareAlike International License

The GNU General Public License(GPL) is a free software license, which provides the four freedoms, enabling anyone to use the program for any purpose, study how the program works and alter it to do what they want, redistribute/make copies of the software, along with the ability to improve the program and publish the improved version. It doesn't allow: warranties to be made, the copyright to be removed, and redistribution under a different license. As such, this license is best used for software which wants to allow its users to have many freedoms with what they can do with the software. One case in which this wouldn't be the best license to use is when you don't want to allow such freedoms, for instance, a security or antimalware software, which would be greatly disadvantaged if malicious user's had free access to the source code of such software.

The Creative Commons Attribution ShareAlike International License(CCASAIL) has a lot of similarities with the GNU GPL, allowing modification of the software, and requiring any redistributed changes to be under the same license. The main difference is that it requires credit to be given to the original creator, a link to the license, and indicate if there were changes made. This is useful for most of the same implementations as the GNU GPL, although it makes sure the creator is credited for any altered version of the software, lets others know if it is a changed version of the original software, and provides an easy way to navigate to the license used by the software. Overall, both of these licenses give a lot of freedom for users, making them a good way to promote community improvements/alterations of the program. CCASAIL should be used when one wants some amount of credit for their work, linking the creator to any remakes of the original work, if this is unneeded or unwanted, then the use of GNU GPL is preferred, as it makes it less work for others to modify/improve the software, since they don't have to find who created the original work, don't have to indicate whether or not it's modified, and only need to provide it under the same license rather than having to provide a link to the license.