

# What are some similarities and differences between a graphical user interface (GUI) and a command-line folder and files (CLI)?

By Abby Wood

Well, while a graphical user interface and a command-line folder are very similar in many ways such as functionality. However, they also have many subtle differences as well, location, for example. A command-line folder doesn't necessarily map to a specific hard drive location. Whereas a graphical user interface is mapped to a physical location on storage. A good way to remember the difference between the two is when viewing files and command-line folders they will have pictures whereas the graphical user interface will not have pictures.

Another difference would be the navigation and scripting of the two. Graphical user interface users need to be able to navigate their keyboard to be able to utilize their interface and this will often result in faster completion times. However, this also requires users to already know scripting commands and syntax. Although for command-line folders, while still fast and efficient, they require a mouse. This may result in a delayed or longer period of time to complete your task having to move your hands from the keyboard to the mouse and back again. However, they are also much easier with programming software. This allows users to write the scripts without having to know all the commands and syntax. Overall, the graphical user interface is used by more people today than command-line folders and files. While more dedicated and hardcore programmers may tend to lean to command-line folders and files, the graphical user interface is more user friendly and preferred.