

Difference between CLI and GUI - Jozlyn Baumann

The difference between CLI and GUI is a matter of interface. Both are useful but serve different purposes, while one is far broader in terms of usage to the average user.

CLI: Otherwise known as Command Line Interface, CLI is used primarily by coders to give prompts into an engine to produce the desired results. Examples of this include coding programs, such as HTML, or even text-based video games.

GUI: Graphic User Interfaces. This is a type of program that's far more accessible to the standard user and requires far less knowledge of specific commands, or code in the case of CLI. This often appears in the form of websites, or even search pages—commonly defined by links, images, and drop-downs, all of which prompted by different icons to produce the desired result.

In short, they can both give desired results, but through different means. For example, if you want to create a file through CLI, it would take knowledge of the specific command to feed into the program, whereas in a GUI like Google Docs or Microsoft Word, you simply click the desired hotlink (inscribed through an icon) to perform the same task.