**Vi (Vim)**

**Vi**

The name "vi" is derived from the shortest unambiguous abbreviation for the ex command *visual*. It is a screen-oriented [text editor](https://en.wikipedia.org/wiki/Text_editor) originally created for the [Unix](https://en.wikipedia.org/wiki/Unix) operating system. The portable subset of the behavior of vi and programs based on it, and the [ex](https://en.wikipedia.org/wiki/Ex_(text_editor)" \o "Ex (text editor)) editor language supported within these programs, is described by (and thus standardized by) the [Single Unix Specification](https://en.wikipedia.org/wiki/Single_Unix_Specification) and [POSIX](https://en.wikipedia.org/wiki/POSIX)

vi is a modal editor: it operates in either *insert mode* (where typed text becomes part of the document) or *command mode* (where keystrokes are interpreted as commands that control the edit session).

**Vim**

[Vim](https://en.wikipedia.org/wiki/Vim_(text_editor)) "Vi IMproved" is a [free and open-source](https://en.wikipedia.org/wiki/Free_and_open-source), screen-based [text editor](https://en.wikipedia.org/wiki/Text_editor) program it is an improved clone [Vi](https://en.wikipedia.org/wiki/Vi). Many new features have been added: multi-level undo, syntax highlighting, command line history, on-line help, spell checking, filename completion, block operations, script language, etc. There is also a Graphical User Interface (GUI) available. Still, Vi compatibility is maintained, those who have Vi "in the fingers" will feel at home.  Vim is included with almost every Linux distribution (and is also shipped with every copy of [Apple](https://en.wikipedia.org/wiki/Apple_Inc.) [macOS](https://en.wikipedia.org/wiki/MacOS)). Vim also has a vi-compatibility mode, in which Vim is more compatible with vi than it would be otherwise.

Vim is rock stable and is continuously being developed to become even better. Among its features are:

* persistent, multi-level undo tree
* extensive plugin system
* support for hundreds of programming languages and file formats
* powerful search and replace
* integrates with many tools