

System-oriented Programming

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S01

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Exercice 4

The [OPTION] available for `wc` offers the possibility to print only some specific information as well as displaying the help and the version of the software.

The [FILE] part catch the file on which to operate the software, by using the `--files0-from=F`, we can use a file that specify all the filename on which to operate the software. If the [FILE] is not specified or if the `--files0-from=F` is empty, then the software read from the standard input.

We can imagine two enhancements for both of that part of the command :

- [OPTION] : we could use some kind of filter to count the words from a file, for example only counting the word which contains an “a”.
- [FILE] : we could use a filter on the file of the current directory in order to choose among them the ones to process. For example, using a regular expression of the filename or on the content of each file.