

June 2000

Free Software Foundation Headquarters

Mr. Lee:

I do not understand.

Why did you make this available for free?

You could have made a lot of money.

Mr. Stallman:

There is a moral of a higher level.

子曰
君子喻於義
小人喻於利

論語

Hacker
黑客

英才程序師

Cracker
駭客

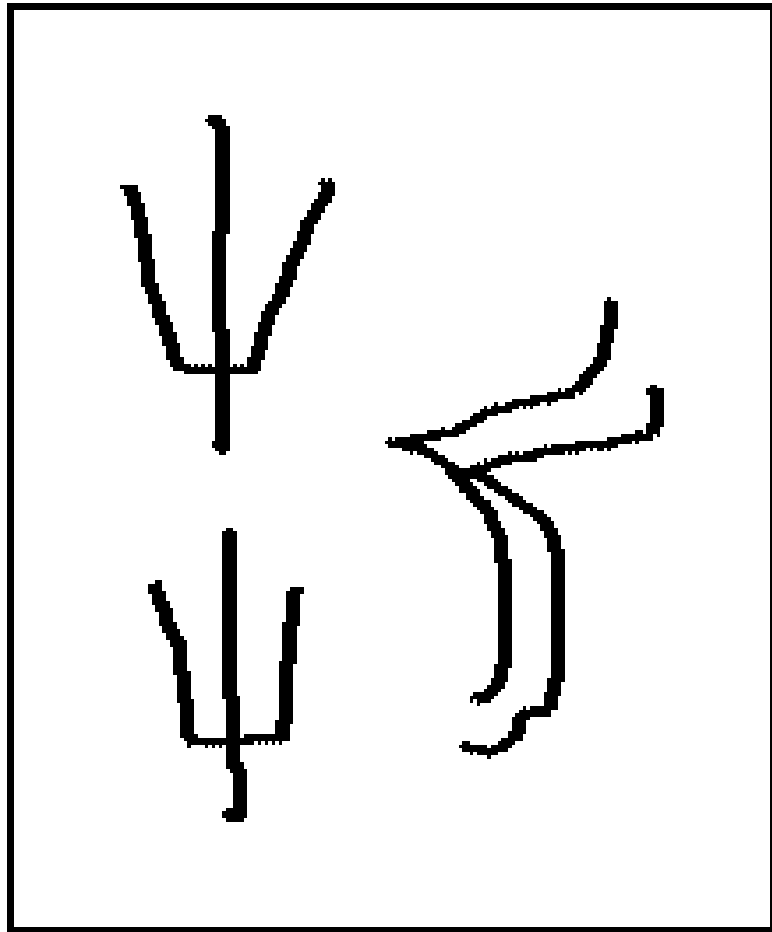
侵入者、犯罪者

HACK (verb):

To cut with sharp blows of a hatchet.

快刀斬亂麻

折 哲 哲



折 誓

折

莊子 養生主

庖丁解牛

黑 玄

孔子曰 君子不器

老子曰 樸散爲器

老子曰

爲知日益 爲道日損

Opening the Software Toolbox

By Arnold Robbins (co-author/maintainer of GNU Awk)

Emacs: C-h i m coreutils m toolbox

Shell: \$ info coreutils toolbox

Interactive text editors:

Emacs, vi, pico, joe ...

Stream editors:

sed, awk, (perl), ...

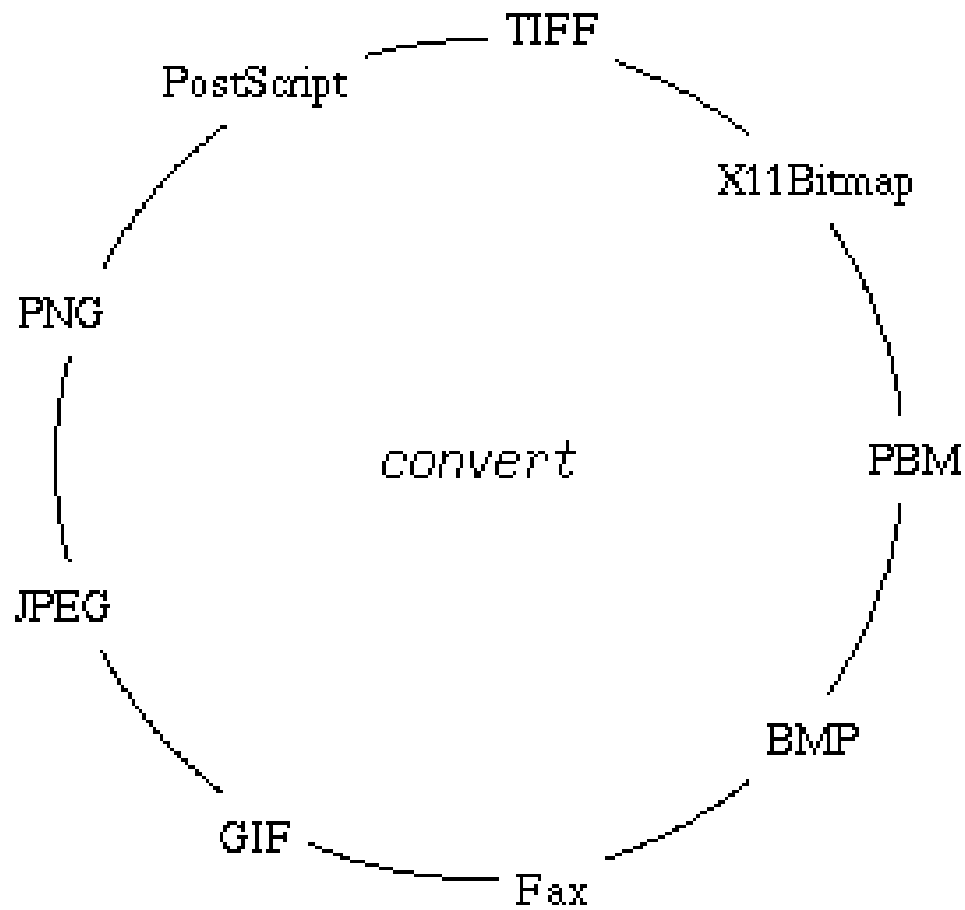
Interactive image editors:

Gimp, Gallery, ...

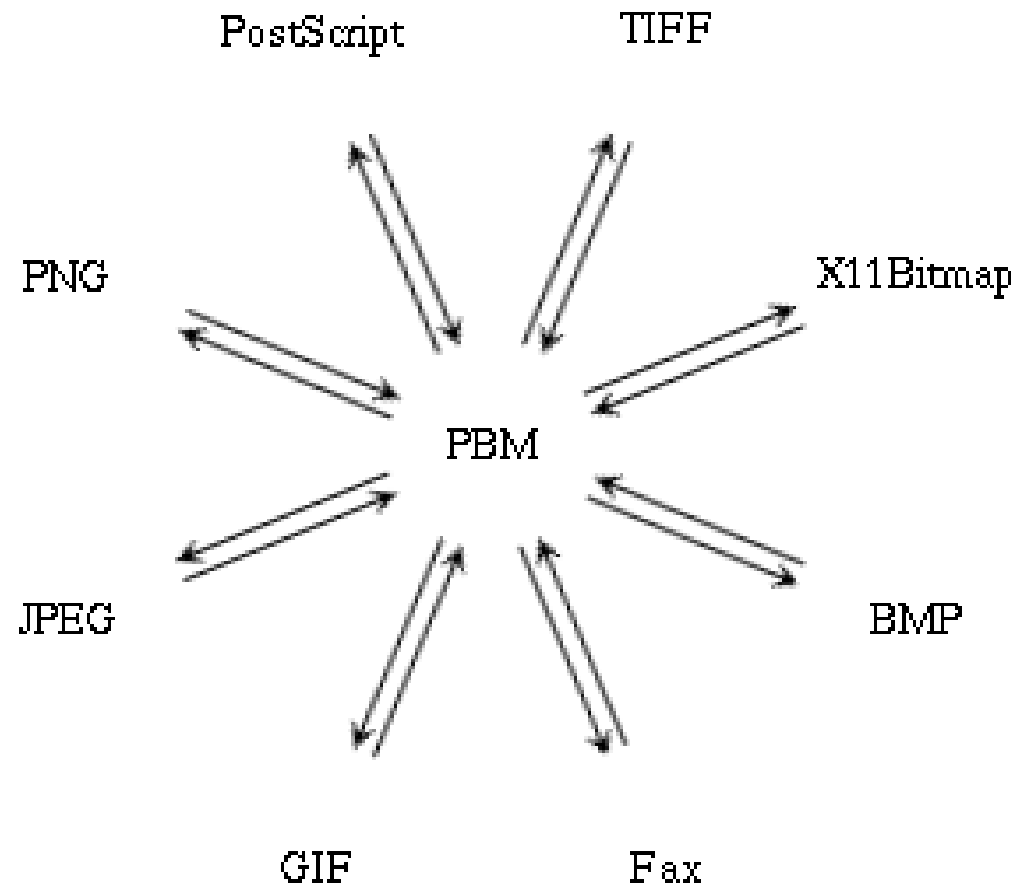
Non-interactive image processing:

ImageMagick, Netpbm, gifsicle, jpegtran, ...

ImageMagick



Netpbm



What do students learn first?

Personal computer class: Easy commands.

Driving school: Safety.

Eastern martial art gym: 禮