GNU Emacs
Universal editor

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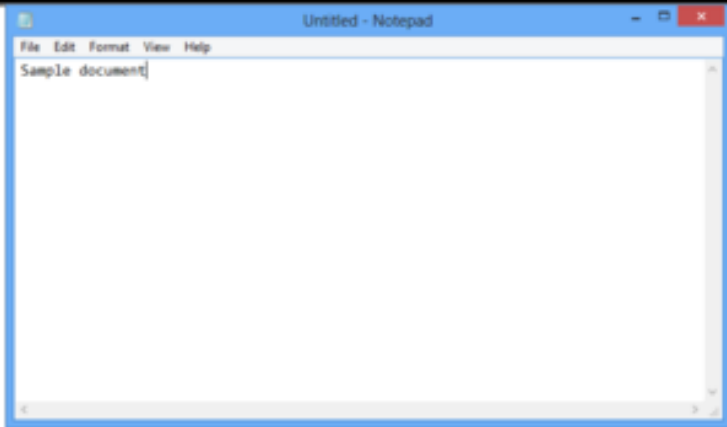### Feb 4, 2014

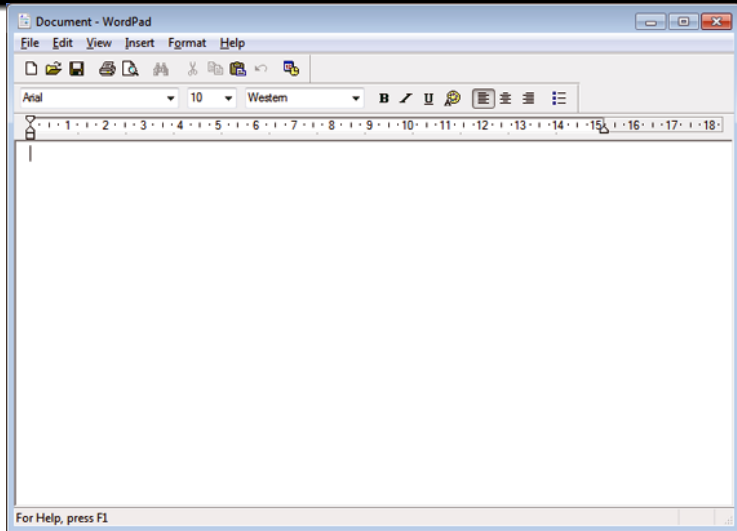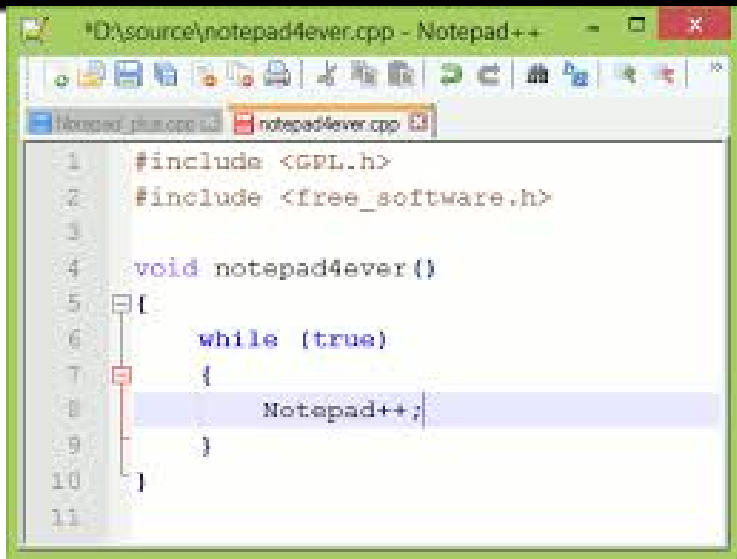University of
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Figure 1: Notepad

Figure 2: Wordpad

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Figure 3: Notepad++

Figure 4: Vim

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emacs243@t-4

File Edit Options Buffers Tools Help

Save   Undo

Welcome to GNU Emacs, one component of the GNU/Linux operating system.

Emacs Tutorial   Learn basic keystroke commands
Emacs Guided Tour   Overview of Emacs features at gnu.org
View Emacs Manual   View the Emacs manual using Info
Absence of Warranty   GNU Emacs comes with *ABSOLUTELY NO WARRANTY*
Copying Conditions   Conditions for redistributing and changing Emacs
Ordering Manuals   Purchasing printed copies of manuals

To start...   Open a File   Open Home Directory   Customize Startup
To quit a partially entered command, type Control-g.

This is GNU Emacs 24.3.1 (i686-pc-linux-gnu, GTK+ Version 3.4.2)
 of 2013-03-13 on t-4
Copyright (C) 2013 Free Software Foundation, Inc.

If an Emacs session crashed recently, type Meta-x recover-session RET
to recover the files you were editing.

U:%%- *GNU Emacs*   All L5   (Fundamental)
For information about GNU Emacs and the GNU system, type C-h C-a.

GNU Emacs is like having a dragon's cave of treasures
– Robert Chassel

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Yes, you can:

- edit text
- edit a binary file
- edit complex code

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You can still:

- Take notes
- Use it as a word processor
- Write manuscripts, CFP's
- PDF, HTML etc.

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What I do with Emacs

- Manage notes
- Manage agenda
- Coding
- Remote text editing
- Make presentations
- Make tea ;)

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About GNU Emacs

- Emacs has been around since 1970's
- Originally written by Richard Stallman & Guy L. Steele, Jr.
- It's core is written in C
- with *elisp* wrapper

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GNU/Linux

- Application menu -> Editors -> Emacs
- Using terminal

  `emacs`

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Windows

- Click on Emacs binary file

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Conventions

- Control key -> C
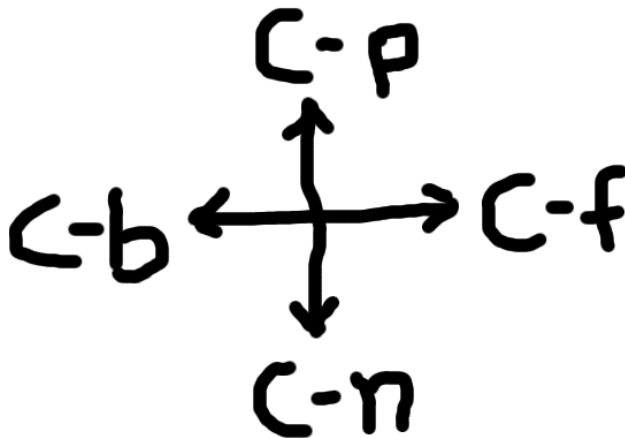- Alt key = Meta key -> M

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Figure 6: Moving around

You can use arrow keys & mouse just like another editor

Move it!

Figure 7: Get set go

Emacs tutorial
or

`C-h t`

Emacs Macros

- Record key binding
  (demo) (assignment)

Using macros in Emacs

- F3 -> *to start recording*
- F4 -> *to stop recording*

- F4(again) -> *use macro*

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Hands on(using macros)

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Indenting

(demo) (assignment)

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Basic editing

- Beginning of file: M-<
- End of file: M->
- Cut: C-w
- Copy: M-w
- paste: C-y
- Spell check: M-x ispell
  (demo) (assignment)

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Text Editors
00000

Introduction
00000

Getting started
00

Moving around
0000000●

Question

Reference & links
00

Org mode

** Welcome the Beast!

Questions

Reference

- C-h t *tutorial*
- C-h r *documentation*

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Links

- emacswiki.org
- planet.emacsen.org
- haqiba.org

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