计算机和终端
Ex 编辑器
vi 编辑器
vim 键盘布局
学习曲线
结束

键盘发展及编辑器学习曲线

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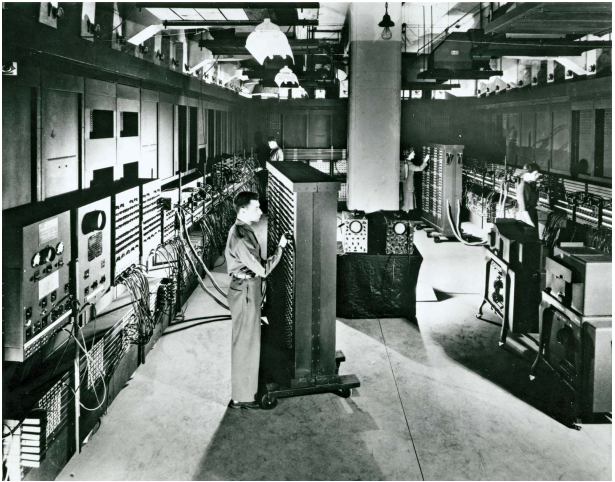
B 站个人空间：https://space.bilibili.com/1969478249

知春路
遇上
八里桥

计算机和终端

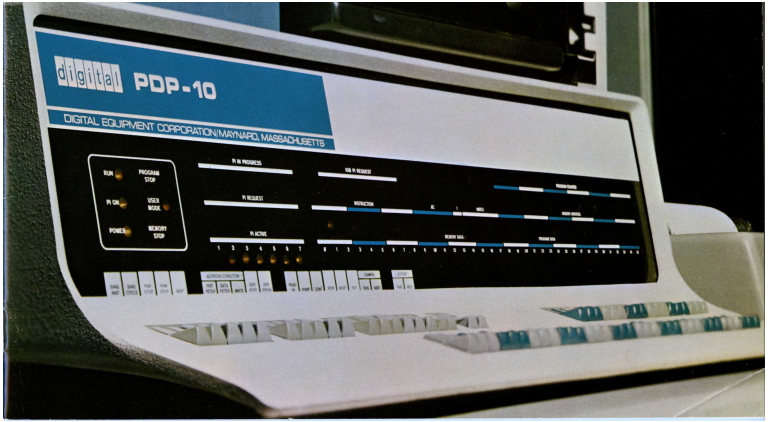
第一个现代计算机：ENIAC



操作终端 terminal

Ex 编辑器

Unix V6 起源: PDP-10 的操作面板



Unix V6 起源: PDP-11 的操作面板

Unix V6: Dennis Ritchie 和 Ken Thompson

PDP-10 计算机

vi 编辑器

vi 编辑器: ADM-3A-1 终端和 Bill Joy

hjkl 和 ADM-3A-1

- hjkl 方向移动
- ~ 和 unix 的 $HOME

vim 键盘布局

个人键盘 cherry mx3000

个人键盘 HHKB

VIM 的键盘布局

version 1.1
April 1st, 06

vi / vim graphical cheat sheet

Esc normal mode

~ toggle case	! external filter	@ play macro	# prev ident	$ eol	% goto match	^ "soft" bol	& repeat :s	* next ident	(begin sentence	) end sentence	_ "soft" bol down	+ next line
` goto mark	1 [2]	2	3	4	5	6	7	8	9	0 "hard" bol	- prev line	= auto-[3] format
Q ex mode	W next WORD	E end WORD	R replace mode	T back till	Y yank line	U undo line	I insert at bol	O open above	P paste before	{ begin parag.	} end parag.	
q record macro	w next word	e end word	r replace char	t till	y yank[3]	u undo	i insert mode	o open below	p paste[3] after	[misc	] misc	
A append at eol	S subst line	D delete to eol	F "back" find ch	G eof/goto ln	H screen top	J join lines	K help	L screen bottom	: ex cmd line	" reg. [1] spec	| bol/goto col	
a append	s subst char	d [1,3] delete	f find char	g extra[3] cmds	h ←	j ↓	k ↑	l →	; repeat t/T/f/F	' goto mk. bol	\ not used!	
Z quit [4]	X back-space	C change to eol	V visual lines	B prev WORD	N prev (find)	M screen mid'l	< un-[2] indent	> indent	? find (rev.)			
z extra[3] cmds	x delete char	c [1,2] change	v visual mode	b prev word	n next (find)	m set mark	, reverse t/T/f/F	. repeat cmd	/ find			

motion — moves the cursor, or defines the range for an operator

command — direct action command, if red, it enters insert mode

operator — requires a motion afterwards, operates between cursor & destination

extra — special functions, requires extra input

q — commands with a dot need a char argument afterwards

bol = beginning of line, eol = end of line, mk = mark, yank = copy

words: `quux(foo, bar, baz);`
WORDs: `quux(foo, bar, baz);`

Main command line commands (':ex'):
:w (save), :q (quit), :q! (quit w/o saving)
:e f (open file f),
:%s/x/y/g (replace 'x' by 'y' filewide),
:h (help in vim), :new (new file in vim),

Other important comands:
CTRL-R: redo (vim),
CTRL-F/-B: page up/down,
CTRL-E/-Y: scroll line up/down,
CTRL-V: block-visual mode (vim only)

Visual mode:
Move around and type operator to act on selected region (vim only)

Notes:

(1) use "x before a yank/paste/del command to use that register ('clipboard') (x=a..z,*) (e.g.: "ay$ to copy rest of line to reg 'a')

(2) type in a number before any action to repeat it that number of times (e.g.: 2p, d2w, 5i, d4j)

(3) duplicate operator to act on current line (dd = delete line, >> = indent line)

(4) ZZ to save & quit, ZQ to quit w/o saving

(5) zt: scroll cursor to top, zb: bottom, zz: center

(6) gg: top of file (vim only), gf: open file under cursor (vim only)

For a graphical vi/vim tutorial & more tips, go to **www.viemu.com** - home of ViEmu, vi/vim emulation for Microsoft Visual Studio

学习曲线

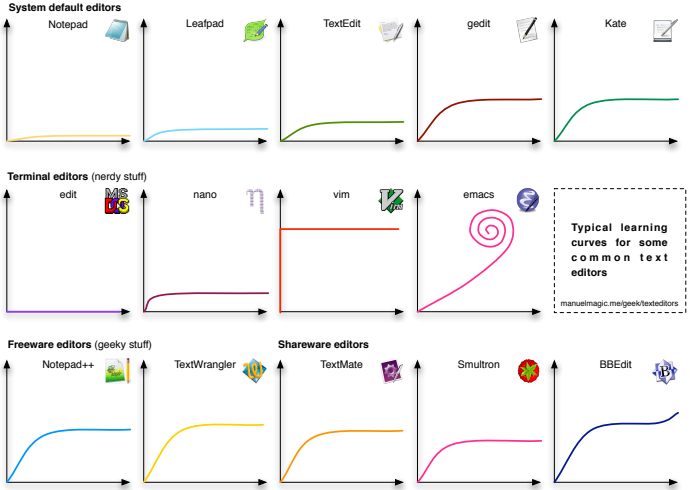
基本功：vimtutor + quickref

- vimtutor 和 :h quickref

```
                    Quick reference guide

                                                  quickref Contents
 tag      subject                          tag      subject
Q_ct    list of help files                Q_re    Repeating commands
Q_lr    motion: Left-right                Q_km    Key mapping
Q_ud    motion: Up-down                   Q_ab    Abbreviations
Q_tm    motion: Text object               Q_op    Options
Q_pa    motion: Pattern searches          Q_ur    Undo/Redo commands
Q_ma    motion: Marks                     Q_et    External commands
Q_vm    motion: Various                   Q_qf    Quickfix commands
Q_ta    motion: Using tags                Q_vc    Various commands
Q_sc    Scrolling                         Q_ce    Ex: Command-line editing
Q_in    insert: Inserting text            Q_ra    Ex: Ranges
Q_ai    insert: Keys                      Q_ex    Ex: Special characters
Q_ss    insert: Special keys              Q_st    Starting Vim
Q_di    insert: Digraphs                  Q_ed    Editing a file
Q_si    insert: Special inserts           Q_fl    Using the argument list
Q_de    change: Deleting text             Q_wq    Writing and quitting
Q_cm    change: Copying and moving        Q_ac    Automatic commands
Q_ch    change: Changing text             Q_wi    Multi-window commands
Q_co    change: Complex                   Q_bu    Buffer list commands
Q_vi    Visual mode                       Q_sy    Syntax highlighting
Q_to    Text objects                      Q_gu    GUI commands
                                          Q_fo    Folding
```

编辑器学习曲线 [1]



[1] http://www.manuelmagic.me/manuelsweb/geek/texteditors/

结束