



UNIX

VI Editor

Lesson Objectives

- Different modes of vi editor
 - Input
 - Command
 - Esc mode
- Input mode commands
- Vi editor – Save & Quit
- Navigation commands
- Paging functions
- Search and repeat commands



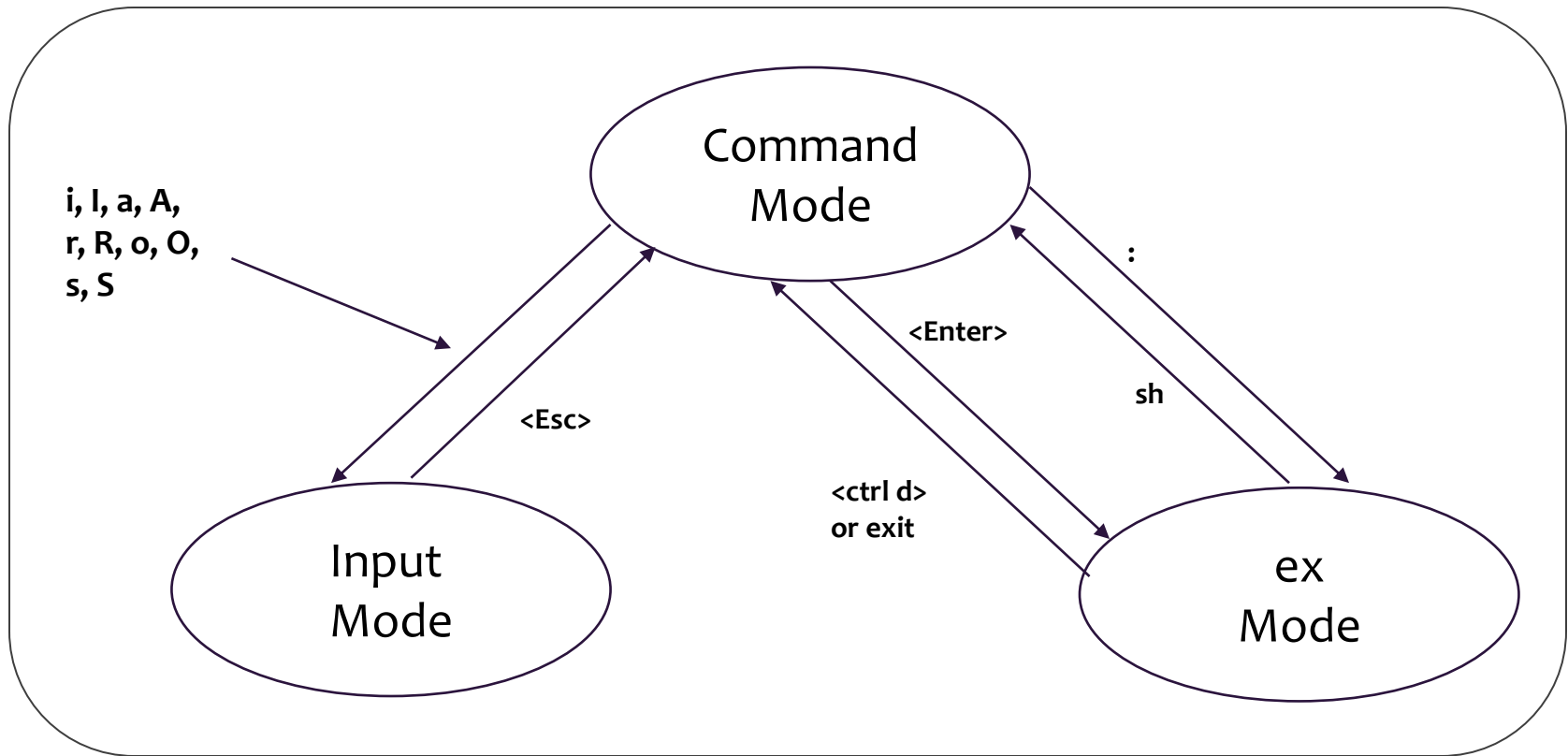
Lesson Objectives

- Vi editor – Other Features



Introduction

- Three Modes of Vi Editor are:



Contents

<u>Command</u>	<u>Function</u>
i	Insert text to left of cursor
I	Inserts text at beginning of line
a	Appends text to right of cursor
A	Appends text at the end of line
o	Opens line below
O	Opens line above

Contents (contd..)

<u>Command</u>	<u>Function</u>
r	Replaces single character under cursor with character (no<Esc>)
R	Replace text from cursor to right

Description

- From input mode to command mode press <Esc>
- From command mode:

To Save	: w
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To Quit	: q
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To Quit without saving	: q!
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To save & quit	: wq
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or	: x
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Overview

<u>Command</u>	<u>Function</u>
h	Moves cursor left
j	Moves cursor down
k	Moves cursor up
l	Moves cursor right
^	Moves cursor to beginning of first
\$	Moves cursor to end of line
b	Moves cursor backwards to beginning of word
e	Moves cursor forward to end of word
w	Moves cursor forward to beginning of word

Details

<u>Command</u>	<u>Function</u>
<Control-f>	Full page forward
<Control-b>	Full page backward
<Control-d>	Half page forward
<Control-u>	Half page backward

Details

Commands

/pat

?pat

n

N

Functions

Searches forward for pat

Searches backward for pattern pat

Repeats search in the same direction along which the previous search was made (no repeat factor)

Repeats search in a direction opposite to that which the previous search was made (no repeat factor)

Using set command

- **Set command is used to customize the behavior of the VI editor**
- **Some of the useful commands**

Sr no.	Command	Description
1.	:set autoindent or :set ai	To set autoindent on
2	:set number or :set nu	To Displays lines with line numbers on the left side
3	:set smd or :set showmode	To show the actual mode of the editor that you are in at the bottom line.
4.	:set wm=x or :set wrapmargin=x	To automatically wrap the word on next line, x will be any nonzero value. (:set wm=2 sets the wrap margin to 2 characters)

Details

- Joining line:
 - J - to join current line with next line
 - 4J - to join 4 lines from current line
- Undo last Instruction - u
- Reverse all changes made to current line – U
- Using set command

Summary

- In vi editor:
 - esc key is used to change the mode.
 - esc - \$ is used to move cursor at the end of the file.
 - wq is used to write (save) and quit from the file.
 - q! is used to quit without saving.



Review Questions

- What command is used to copy the lines in vi editor?
- _____ command search for the pattern in vi editor in forward direction?
- What is the <control b> command used for?
- VI editor is stream Oriented?
 - True
 - False

