

# vim – vi IMproved

**ePortfolio Software Engineering**  
**Thomas Malina – 08.11.2018**

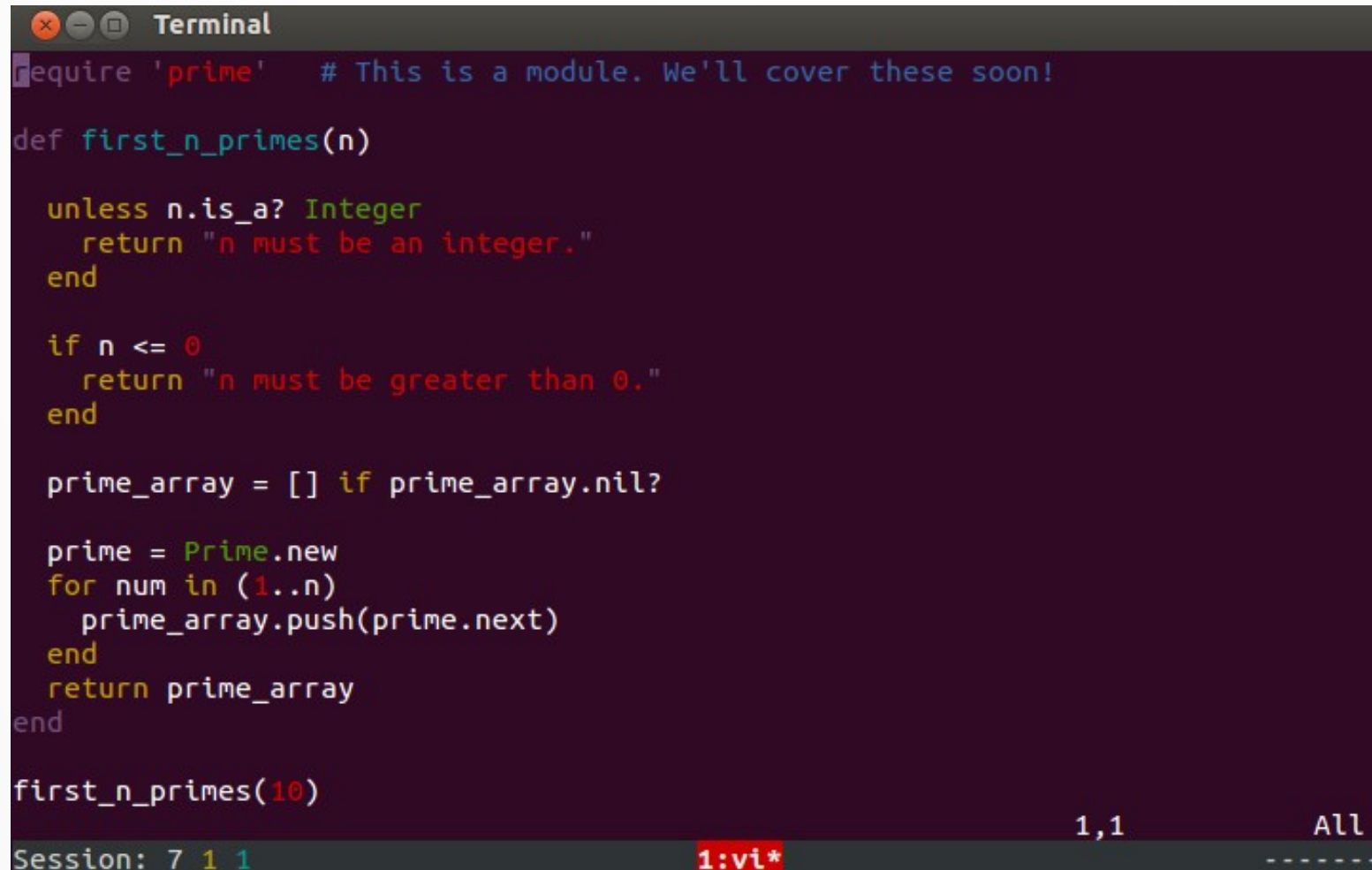
# Table of contents

1. History
2. First view
3. Modes
4. Basic movement
5. Hands on!

# History

- 1976 – vi by Bill Joy
  - Editor for BSD
- 1991 – **vi IMitation** by Bram Moolenaar
  - Originally vi-clone for Amiga-mashines
- 1992 – Port to Unix & MS-DOS (**vi IMproved**)
  - Many improvements over the years

# First view



```
Terminal
require 'prime' # This is a module. We'll cover these soon!

def first_n_primes(n)
  unless n.is_a? Integer
    return "n must be an integer."
  end

  if n <= 0
    return "n must be greater than 0."
  end

  prime_array = [] if prime_array.nil?

  prime = Prime.new
  for num in (1..n)
    prime_array.push(prime.next)
  end
  return prime_array
end

first_n_primes(10)
```

1,1 All

Session: 7 1 1 1:vi\* -----

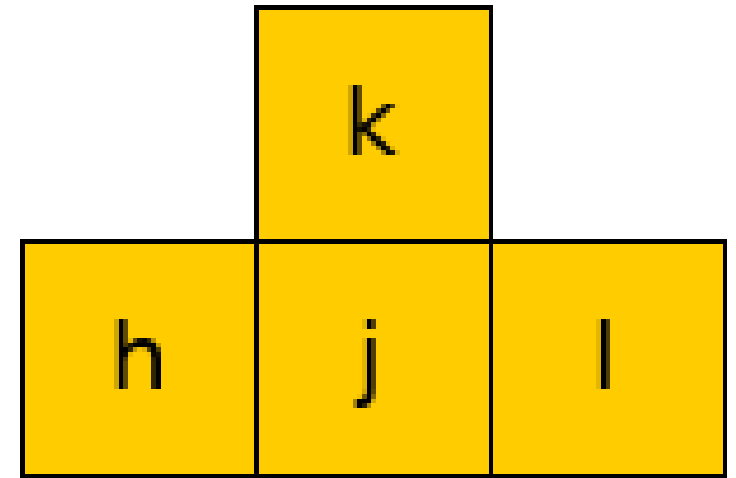
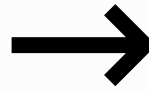
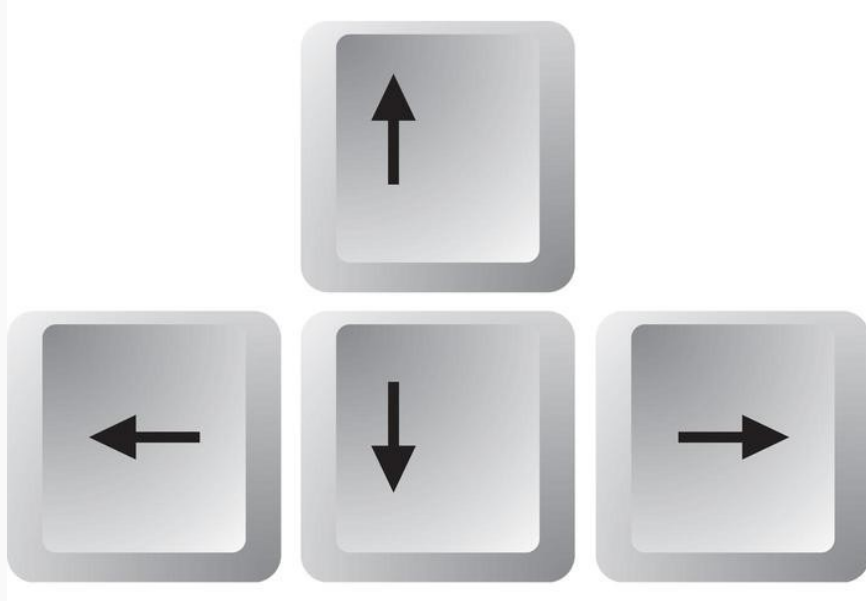
# Modes

- **Normal mode**
  - Navigation
  - Manipulation of text
  - Press „ESC“
- **Insert mode**
  - Write text
  - Press e.g. „i“ in Normal Mode

# Modes

- **Command mode**
  - Execute commands
  - e.g. open file, save and close current file
  - Press „:“ in Normal mode
- **Visual mode**
  - Select text
  - Press e.g. „v“ in Normal mode
- **Ex- and select-mode**
  - Not covered here, advanced features

# Basic movement



And now....

...let's vim!