

PART OF THE ESS-INTRO SERIES

Dirk Eddelbuettel

Incomplete draft dated 12 Mar 2021

The Perception of Emacs

# The Perception of Emacs



## Intimidated?

# The Perception of Emacs



# The Perception of Emacs



### Intimidated?

· Decades of history.

# The Perception of Emacs



#### Intimidated?

- · Decades of history.
- · Bazillion tutorials.

# The Perception of Emacs



### Intimidated?

- · Decades of history.
- · Bazillion tutorials.
- · Opinionated views.

# The Perception of Emacs



### Intimidated?

- · Decades of history.
- · Bazillion tutorials.
- · Opinionated views.

# The Perception of Emacs



#### Intimidated?

- · Decades of history.
- · Bazillion tutorials.
- · Opinionated views.

#### But fear not!

# The Perception of Emacs



#### Intimidated?

- · Decades of history.
- · Bazillion tutorials.
- · Opinionated views.

#### But fear not!

· Incremental use works.

# The Perception of Emacs



#### Intimidated?

- · Decades of history.
- · Bazillion tutorials.
- Opinionated views.

#### But fear not!

- · Incremental use works.
- $\boldsymbol{\cdot}$  Learn a few steps. Master them.

# The Perception of Emacs



#### Intimidated?

- · Decades of history.
- · Bazillion tutorials.
- Opinionated views.

#### But fear not!

- · Incremental use works.
- $\boldsymbol{\cdot}$  Learn a few steps. Master them.
- Learn some more.

### **EMACS: BASICS MOVEMENT**



# A really good builtin resource

The Emacs Tutorial

C-h t

Type Ctrl and h and then type t.

# **Key Advantages**

· Particular uses carry from one mode to another

- · Particular uses carry from one mode to another
- $\boldsymbol{\cdot}$  There are too many to enumerate but ...

- · Particular uses carry from one mode to another
- $\boldsymbol{\cdot}$  There are too many to enumerate but ...
- · ... (maybe my) favourite example

- · Particular uses carry from one mode to another
- $\cdot$  There are too many to enumerate but ...
- · ... (maybe my) favourite example
  - C-space to mark a starting

- · Particular uses carry from one mode to another
- $\cdot$  There are too many to enumerate but ...
- · ... (maybe my) favourite example
  - C-space to mark a starting
  - Navigate to end

- · Particular uses carry from one mode to another
- There are too many to enumerate but ...
- · ... (maybe my) favourite example
  - C-space to mark a starting
  - · Navigate to end
  - $\cdot$  M-x  $\,$  comment-region will uncomment the regions

- · Particular uses carry from one mode to another
- There are too many to enumerate but ...
- · ... (maybe my) favourite example
  - C-space to mark a starting
  - · Navigate to end
  - M-x comment-region will uncomment the regions
  - In any programming language or text format

- · Particular uses carry from one mode to another
- There are too many to enumerate but ...
- · ... (maybe my) favourite example
  - C-space to mark a starting
  - · Navigate to end
  - · M-x comment-region will uncomment the regions
  - In any programming language or text format
- · Also cool: Prefix the same with C-u ("undo") to uncomment

# More Key Advantages

• Indentation is always sensitive to the programming language

- Indentation is always sensitive to the programming language
- M-q formats ("flows") indents a paragraph

- Indentation is always sensitive to the programming language
- M-q formats ("flows") indents a paragraph
- C-M-\ indents a region in the current language

- Indentation is always sensitive to the programming language
- M-q formats ("flows") indents a paragraph
- $\cdot$  C-M- $\setminus$  indents a region in the current language
- Very powerful 'undo' feature

- · Indentation is always sensitive to the programming language
- M-q formats ("flows") indents a paragraph
- C-M-\ indents a region in the current language
- Very powerful 'undo' feature
- · Rectangular regions (could be a five-mi presentation in itself)

- · Indentation is always sensitive to the programming language
- M-q formats ("flows") indents a paragraph
- C-M-\ indents a region in the current language
- Very powerful 'undo' feature
- · Rectangular regions (could be a five-mi presentation in itself)
- · 'Record' key sequence to 'replay' for ad-hoc automation (ditto)

- · Indentation is always sensitive to the programming language
- M-q formats ("flows") indents a paragraph
- C-M-\ indents a region in the current language
- Very powerful 'undo' feature
- Rectangular regions (could be a five-mi presentation in itself)
- · 'Record' key sequence to 'replay' for ad-hoc automation (ditto)
- Named Register to hold paste-able content or positions (ditto)

## This is a semi-random collection

Awesome Emacs https://github.com/emacs-tw/awesome-emacs

- Awesome Emacs https://github.com/emacs-tw/awesome-emacs
- Collection of resources (2011) https://batsov.com/articles/2011/11/30/theultimate-collection-of-emacs-resources/

- Awesome Emacs https://github.com/emacs-tw/awesome-emacs
- Collection of resources (2011) https://batsov.com/articles/2011/11/30/theultimate-collection-of-emacs-resources/
- · Opinionated Emacs Guide https://moonatic.github.io/emacs/emacs-wiki.html

- Awesome Emacs https://github.com/emacs-tw/awesome-emacs
- Collection of resources (2011) https://batsov.com/articles/2011/11/30/theultimate-collection-of-emacs-resources/
- Opinionated Emacs Guide https://moonatic.github.io/emacs/emacs-wiki.html
- Batteries Included https://karthinks.com/software/batteries-included-with-emacs/

- Awesome Emacs https://github.com/emacs-tw/awesome-emacs
- Collection of resources (2011) https://batsov.com/articles/2011/11/30/theultimate-collection-of-emacs-resources/
- Opinionated Emacs Guide https://moonatic.github.io/emacs/emacs-wiki.html
- Batteries Included https://karthinks.com/software/batteries-included-with-emacs/
- More Batteries Included
   https://karthinks.com/software/more-batteries-included-with-emacs/

- Awesome Emacs https://github.com/emacs-tw/awesome-emacs
- Collection of resources (2011) https://batsov.com/articles/2011/11/30/theultimate-collection-of-emacs-resources/
- Opinionated Emacs Guide https://moonatic.github.io/emacs/emacs-wiki.html
- Batteries Included https://karthinks.com/software/batteries-included-with-emacs/
- More Batteries Included https://karthinks.com/software/more-batteries-included-with-emacs/
- EmacsLife Video List https://emacslife.com/videos.html

## CREDITS

# Images and Logos

• ESS logo from the ESS Project site hosted by the R Project at <a href="https://ess.r-project.org">https://ess.r-project.org</a>

#### CREDITS

# Images and Logos

- ESS logo from the ESS Project site hosted by the R Project at <a href="https://ess.r-project.org">https://ess.r-project.org</a>
- Emacs Organ image from http://anagilemind.net/2015/07/31/a-few-more-agile-related-memes/ah-finally-got-my-emacs-setup-just-how-i-like-it-v2/