

Tiebreaking Strategies for A* Search: How to Explore the Final Frontier

To Start Press "n"

WARN Turn off your custom keyboard shortcuts

1 What Is It?

An Alternative to

Org-based Presentation

Method

Proceed with "n"

2 Usage (on browsers)

n, ;Space; go to the next slide/expand a list

p back to the previous slide

u, ^ go to the parent section

N expand all list in the current slide

s, or typing "go" jump to an arbitrary section
(using minibuffer)

d debugging mode (shows content border)

;Ctrl-g; or ;Esc; cancel current key strokes

typing "help" show available commands in
the minibuffer!

3 Usage (on emacs)

1. clone **our repo**
2. make `html` to publish
3. show it on your browser!

4 Virtue

- Simplicity
 - `code.js` is a pure javascript, only has 200 lines (increasing as new features are added)
- Extensibility
 - you can write your own extension and its easy
 - set a function to `keyManager.<your-key-strokes>`
 - the key strokes should contain character c within char code $32 < c < 126$
 - * Space, !, ", . . . A, B, C, . . . x, y, z, {, |, ~
- LICENSE
 - GPLv3 ?? ; not attached a license yet

5 Example: Expanding a List

- **the dots** tell ”*this is a content*”
- list
- list

6 Dependencies

- jQuery (included)
- Inkscape (image conversion)
- org-mode (included)
- MathJax (optional submodule)

7 L^AT_EX output

- [PDF Presentaiton](#) presen.pdf – presentation in pdf with similar appearance.
Useful when browser-based presentation is not allowed
- [Printable Resume](#) resume.pdf – short and printed version.
- `make pdf` and `make resume` on the shell
- need the latest T_EX live installation
 - see `Makefile`
 - `platex` and `dvipdfmx`
 - alternatively, `pdflatex`

8 Images

- Put images into `img/` directory.
- `svg` files are converted into `png`.
 - We recommend it because
 1. In `html` presentation, the inserted `svg` images capture the keyboard and mouse event and the presentation sometimes does not work right.
 2. In resume output and `pdf` presentation, the `svg` and `svg-inkscape` package is a bit buggy and I personally failed make it work.
- `svg-png` conversion is done by `inkscape`
 - but you can also use `ImageMagick convert` command.
 - See `img/Makefile` for more information.

9 Org-block templates

We mark the html tag with org-mode blocks such as `#+BEGIN_EXAMPLE`. Using **block template** (by modifying `org-structure-template-alist`), you can quickly write such blocks i.e.:

at the beginning of line, hit

```
<s<tab>
```

in normal org-mode distribution in emacs,
it would expand into:

```
#+BEGIN_SRC
```

```
#+END_SRC
```

9.1 customizing templates

We provide custom `org-structure-template-alist`. These blocks are recognized by the stylesheet we provide, so they are highlighted correctly.

- `ᵢS` – smaller
- `ᵢlar` – larger
- `ᵢt` – twocolumn
- `ᵢn` – footnote
- `ᵢr` – float right
- `ᵢar` – align right
- `ᵢlcr` – “left,center,right” format
with x-large fonts
- `ᵢE` – latex ‘equation’ environment
- still more...

copy-paste it to your `.emacs`

`config.el`

10 Utility

- `./make-periodically.sh [args]`
 - Watches the changes in the directory and `make`
 - Build statuses are notified in inotify pop-up
 - all arguments are passed to `make`
 - dependency : `inotifywait`, `notify-send`

11 Makefile Targets

- `make html` – builds the html version
- `make resume` – builds the resume version
- `make pdf` – builds the pdf version
- `make` – build all

12 Test

- [Link](#)
- This
- Is
- A Test

Mathjax formula:

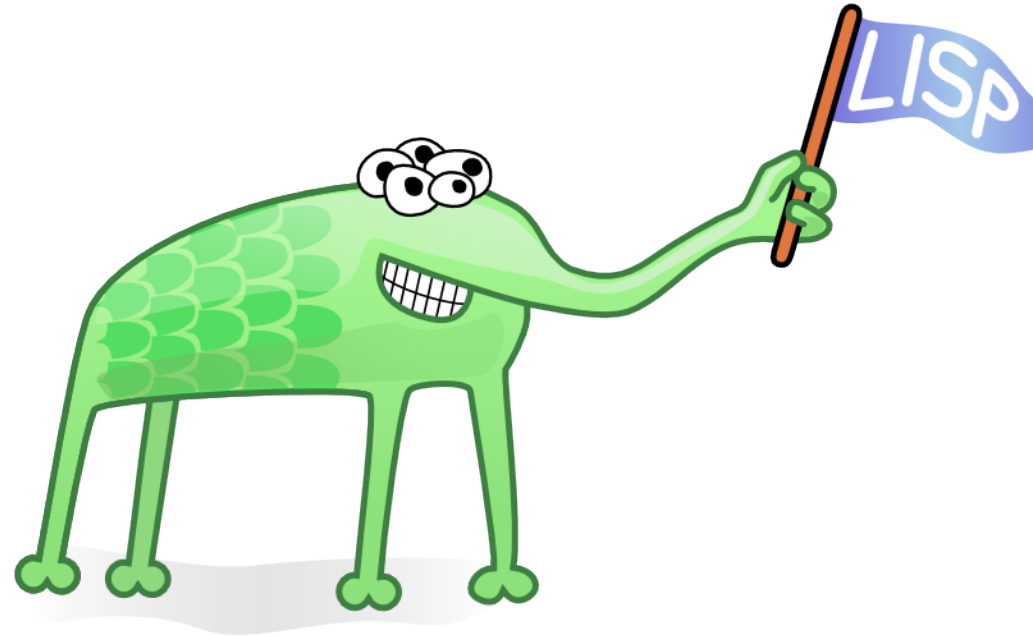
$$E = mc^2$$

$$E = mc^2 + \frac{1}{2}mv^2 \tag{1}$$

12.1 Twocolumn Test

This is a LISP ALIEN IN A CAGE!

- HOOA!
- **HOOA!**
- HOOA!



12.2 many columns test

a a a a a a a a a a	b b b b b b b b b b	c c c c c c c c c c	d d d d d d d d d d
a a a a a a a a a a	b b b b b b b b b b	c c c c c c c c c c	d d d d d d d d d d
a a a a a a a a a a	b b b b b b b b b b	c c c c c c c c c c	d d d d d d d d d d
a a	b b b b b	c c	d d d d d

13 A Slide with Too Little Contents

Hi, I'm small!

14 Left-Center-Right template

x-large left

centered

right

15 TODOs

- Features

- Table of contents
- ~~~~ does not expand **DONE**
- Showing ~~current~~ keystrokes **DONE**
- auto-scroll/auto-zoom with big contents
- Showing current/total page number
- Changing Stylesheet **DONE.** "style"
- Up-Section command **DONE.** "u"
- Slide thumbnail
- stopwatch/countdown ~~timer~~ **DONE.** "timer"
- link to #section **DONE.**

- Features inspired by other tools

- Content Search (in org-infojs)
- Drawing mode (in **jessyink**)
- 'Paused' mode (in **reveal.js**)
- Export to PDF (also in reveal.js) **DONE**
- resume output **DONE**
- Slide with an image covering the entire background (slideshare)
- present one paragraph/word/letter at a time
 - * those in **s5**
- "C-M-x" style notation in the command definition