A brief introduction to vim-orgmode

Takaaki ISHIKAWA <takaxp@ieee.org>

`[2018-11-25 Sun 17:09]`

Table of Contents

1. Introduction

1.1. Who am I?　　　　　　　　　　　　　　　　*[ATTACH]*
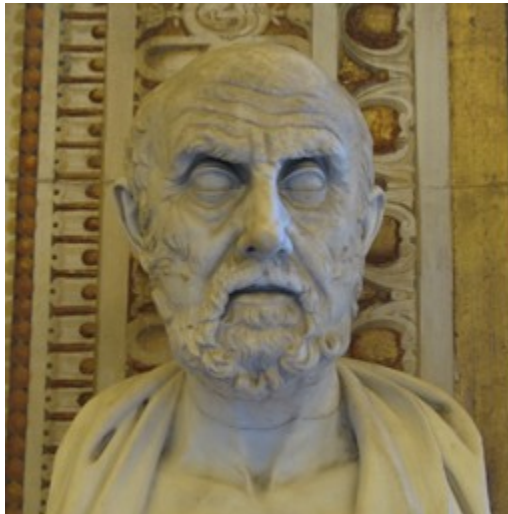
Name	Takaaki ISHIKAWA
Twitter	@takaxp
Job	Researcher, Lecturer, Software engineer
	An expert of ISO/IEC JTC 1/SC 29
Lang.	ﾁﾖﾂﾄﾀﾞｹ C, C++, and Perl

1.2. Personally,　　　　　　　　　　　　　　　　*[ATTACH]*

- I love **Pasta** without **Spaghetti source code**.

2. vim-orgmode

2.1. What is vim-orgmode?

A Vim plugin of…

```
Text outlining and task management for Vim
        based on Emacs' Org-Mode
```

- https://github.com/jceb/vim-orgmode

What for?

- Not limited to writing source code

- Organizing your tasks and actions (e.g. GTD)

- Writing meeting minutes or technical reports

- Capturing and recording everything as *plain text*

2.2. Capabilities   *[ATTACH]*
- See the official website: https://github.com/jceb/vim-orgmode

- [ ]   Syntax highlighting

- [ ]   Markup (not Markdown)

- [ ]   Cycle visibility of headings (folding)

- [ ]   Edit the structure of the document:

    - add, move, promote, denote headings and more

- [ ]   Hyperlinks within vim-orgmode and outside (files, webpages, etc.)

- [ ]   TODO list management

- [ ]   Generating well-structured document

- [-]   Export to other formats (via Emacs' Org-Mode)

    - [✓]   Literate programming (Jupyter notebook? **NO**)

    - [ ]   Reproducible research

2.3. Where can we see Org?

```
         README on GitHub
```

Markdown?
Absolutely NO!

e.g.

- https://github.com/jceb/vim-orgmode

    - README.org ← ☆

2.4. Supporting Org in other editors

1. **Sublime text**: orgmode for Sublime Text 2 & 3

    - https://packagecontrol.io/packages/orgmode

2. **VS Code**: Emacs Org Mode for Visual Studio Code

    - https://github.com/vscode-org-mode/vscode-org-mode

        - In Progress, contributions are welcome

3. **Atom**: Atom grammar for org-mode syntax

    - https://atom.io/packages/org-mode

4. **GNU Emacs**: Org Mode (the original)

    - https://orgmode.org

3. Org Mode

3.1. What is this? [ATTACH]

IMO, Org Mode is…

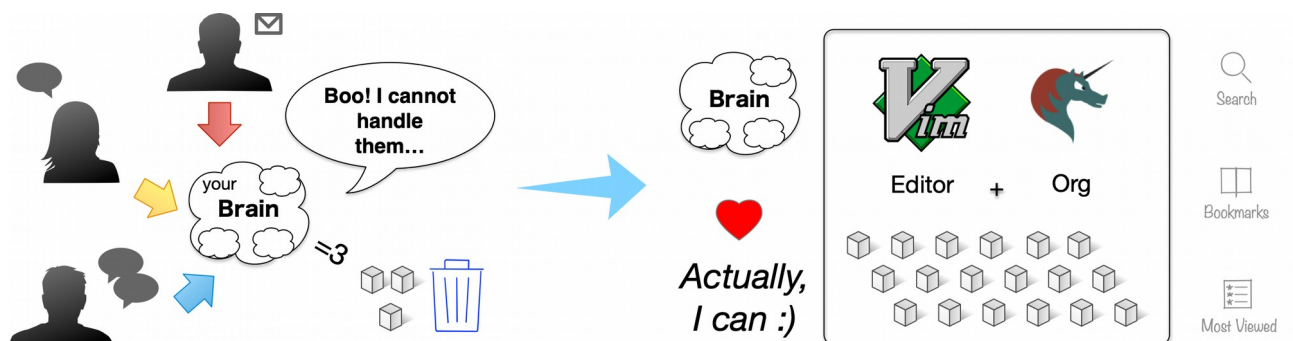| the second brain	or	Exocortex
		An extension to your brain
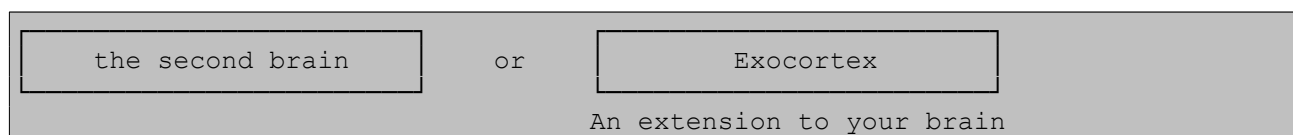
3.2. Change your situation [ATTACH]

3.3. What is your requirements to text editor?

1. Visual feedback (e.g. syntax highlighting)

2. Efficiency

- you don't like duplicated works

3. **Snippet** or **code completion**

   - since we have *limited memory in brain*
     etc…

3.4. But the ideal goal is…

```
      Just imagine, then get the results.
```

Question:
 Why are you typing your keyboard now?

3.5. Do not work too much   *[SECRET]*

```
            *Just imagine, then get the results!*
          +-----------------+      +-----------------+
          |     Imagine     |  →   |     Results!    |
          +-----------------+      +-----------------+
          -----------------------------------------

Need a report in Microsoft Word   →   Export it from an org file

I cannot remember but I know...   →   Search and find it from org files

  When I have to go to Vimconf   →   Get a reminder from Org

                  Security?   →   just encrypt data
```

4. Problems

4.1. Current status of development

- vim-orgmode doesn't support full functionalities of Org Mode in Emacs.

Table 4.1.1: basic statistics based on GitHub or git repository

	Org Mode	**Vim-orgmode**	**vscode-org-mode**
Starting date	2003-mm-dd	[2011-06-25 Sat]	[2017-04-02 Sun]
Contributors	100 (approx.)	34	7
Commits	21,579	**997**	203

Org Mode	Vim-orgmode	vscode-org-mode

4.2. Now we are in the middle of the way

- Human being needs your contributions to expand **vim-orgmode** ;-)

m9(^Д^) you!

5. Conclusion

```
    Jump in Org Mode, today!
```

visit https://orgmode.org
 and
 vim-orgmode (GitHub)
Thanks to:

1. Org Mode

2. org-tree-slide.el (as presentation module)

*This presentation was delivered by **GNU Emacs** and Org Mode*

- Sorry, not using Vim…

- but near future, **vim-orgmode** may achieve this!