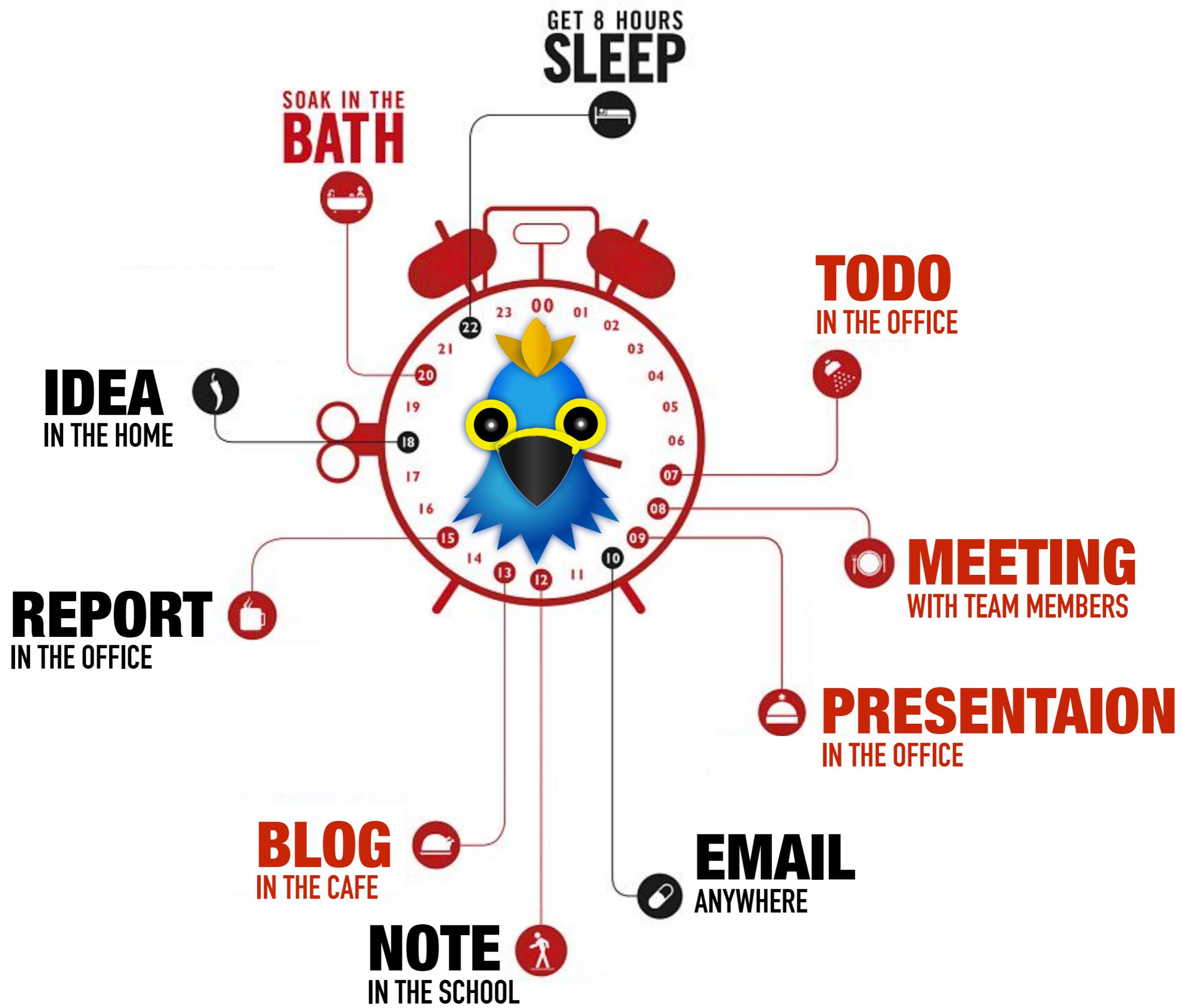


#Haroopad



History

- I enjoy writing (2007 ~ 2012)
- Ideas (2011)
- Haroopress - FRENDS Hackthon (2011.3)
- Haroopad (2013.2 ~ now)
- Next Generation Document Platform (2014.1 ~ now)

Behind Story

- 티스토리, 워드프레스 코드 하이라이팅 기능 넣으려니 번잡 그냥 글만 쓰면 안될까?
- 루비기반의 옥토프레스
- 하루프레스, 좀 더 쉽게 블로깅할 수 있으면 좋겠는데,
- 좀더 쉽게 마크다운에 접근하면 좋겠는데?
- 회사는 뒤숭숭하고...



Why Markdown?

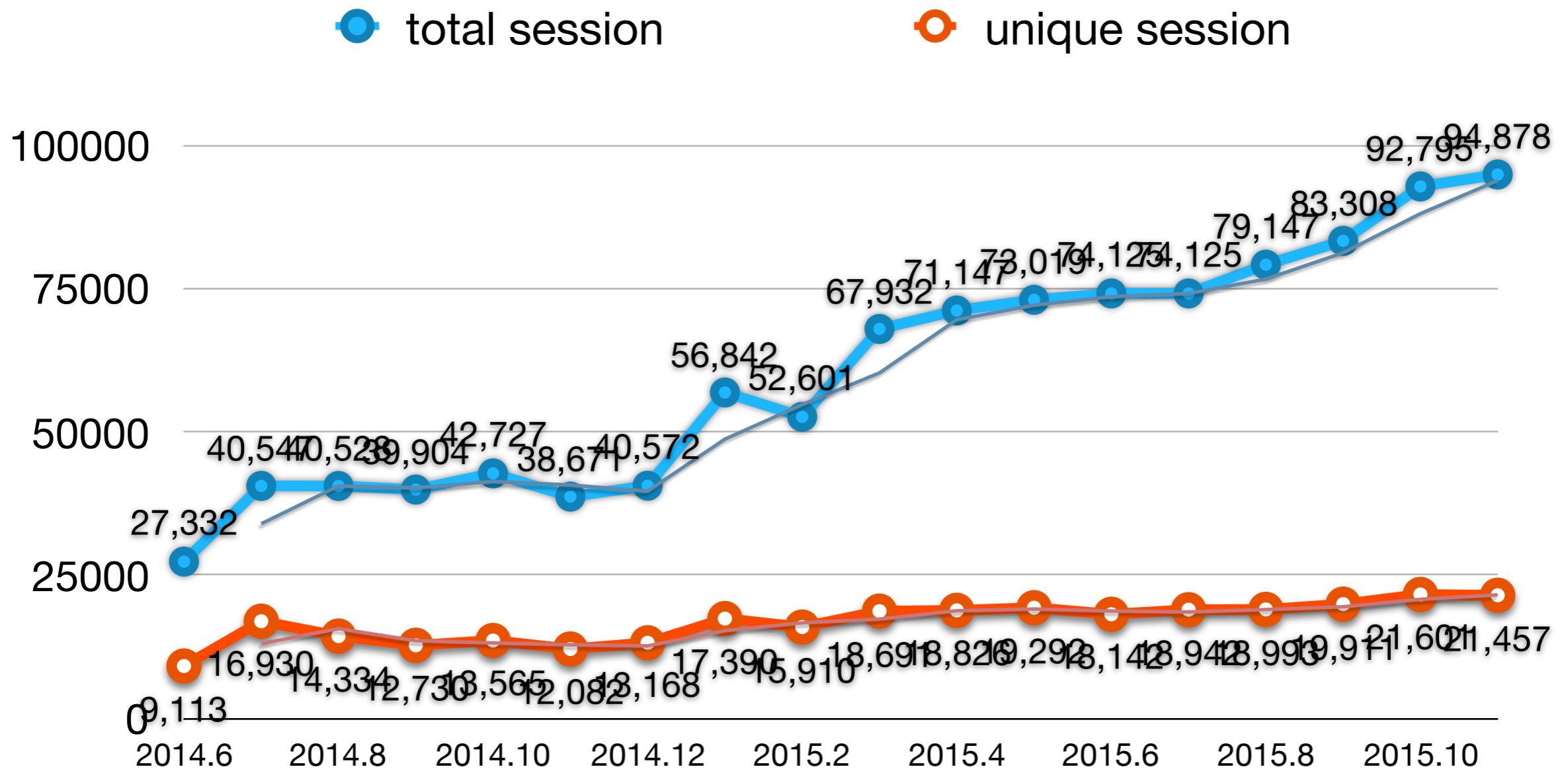
- 개발자들은 대부분 알지만
- 전세계 인구중에 모르는 사람이 더 많다.
- 일반화할 수 있으면 좋겠다.

국내외 소개 사례

- **inforworld.com**
Beyond the Web: 10 surprising Node.js projects - <http://bit.ly/1tpeM0u>
- **일본 오픈소스 매거진 Moongift.jp**
“개발자에게 딱 맞는 Markdown 편집기”- <http://bit.ly/1iDipKh>
- **Jupiter Broadcasting “Linux Action Show” 322**
“Haroopad change my life” - <http://bit.ly/1thoJ1N>
- **해커뉴스, 레딧**
<https://news.ycombinator.com/item?id=8065995>
- **Linux User 독일 매거진 2014. 09월호- P.72~73**
실시간 미리보기가 내장된 마크다운 편집기 Haroopad
<http://www.linux-community.de/Internal/Artikel/Print-Artikel/LinuxUser/2014/09/Ausgezeichnet>

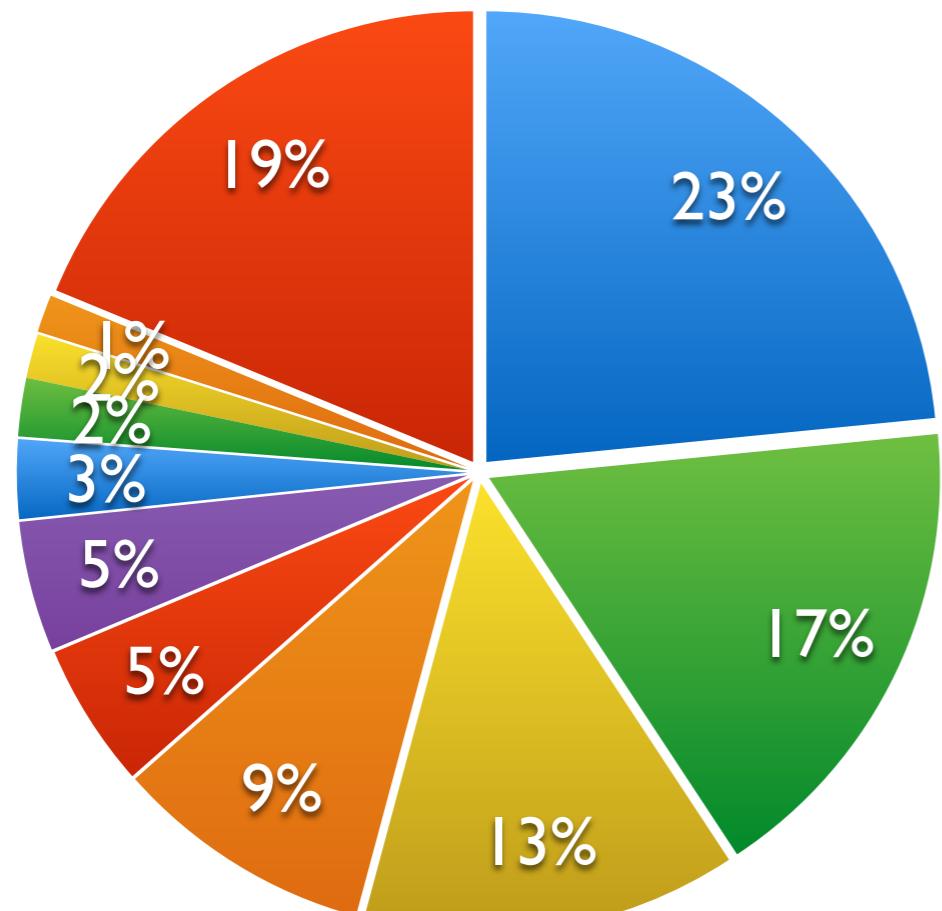


사용자 추이

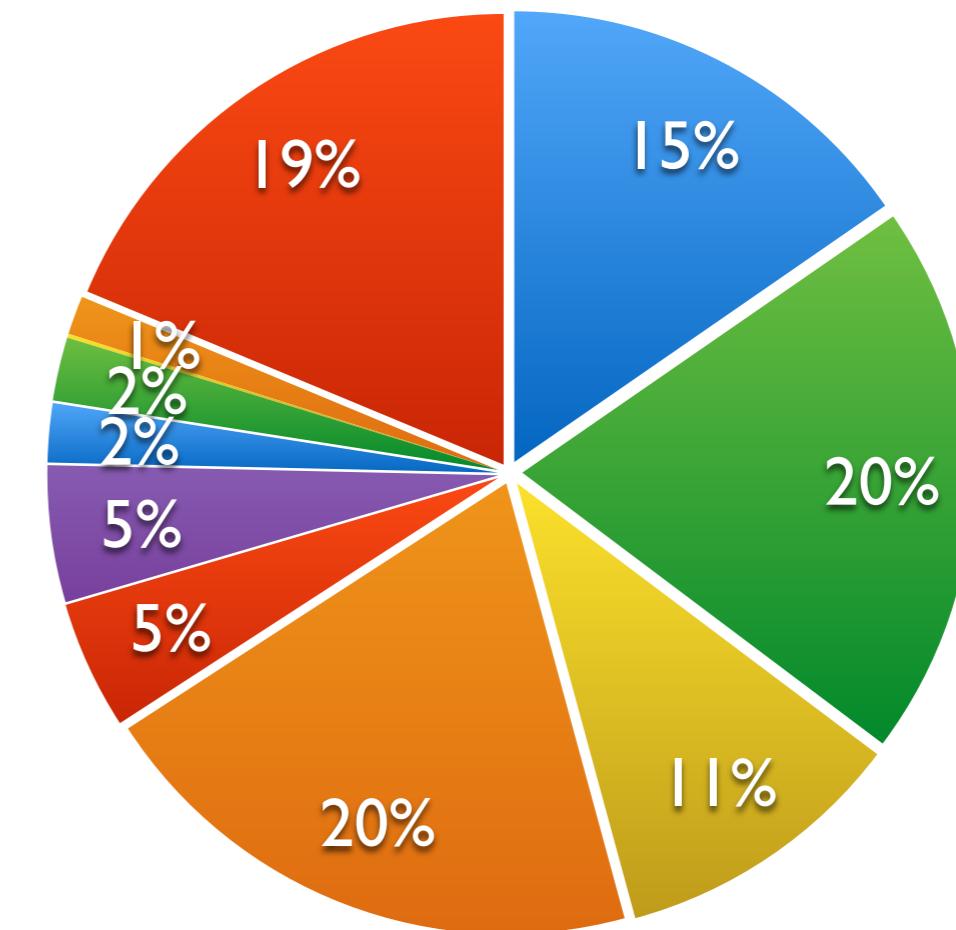


국가별 추이

South Korea China United States Japan Germany Spain
France United Kingdom Taiwan Canada etc

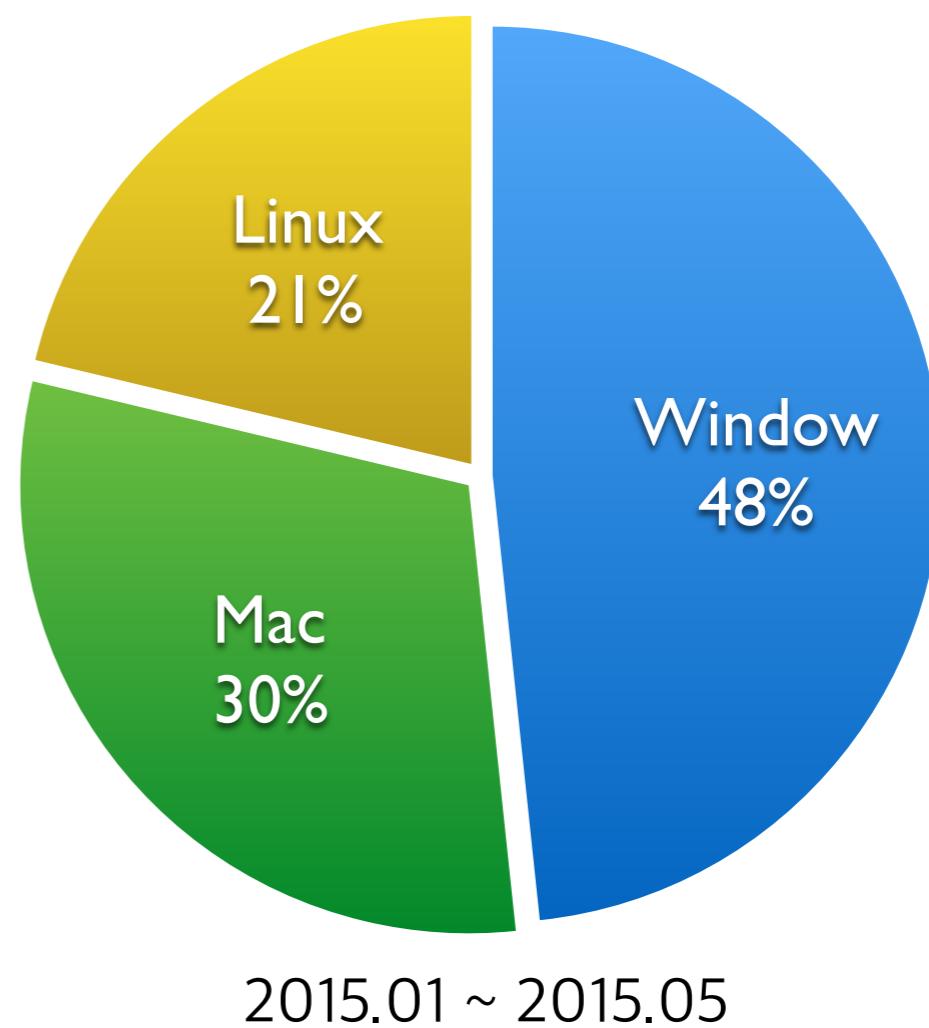
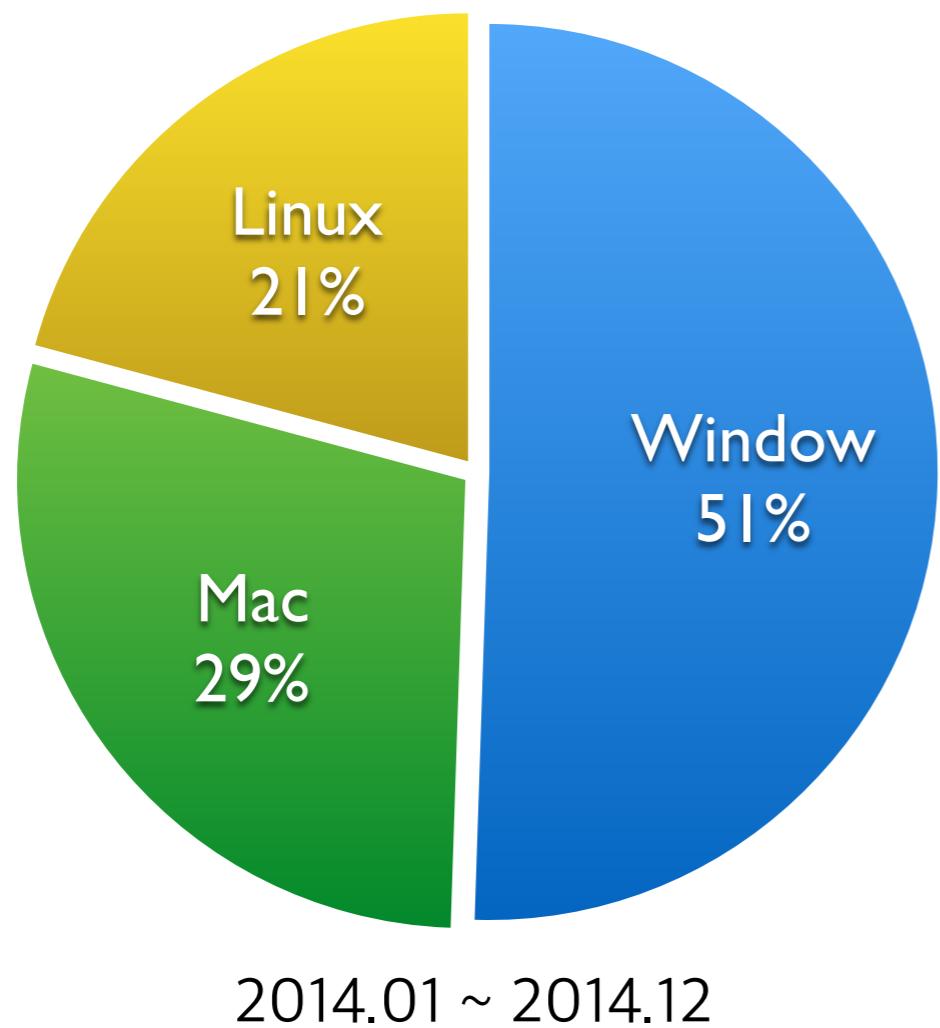


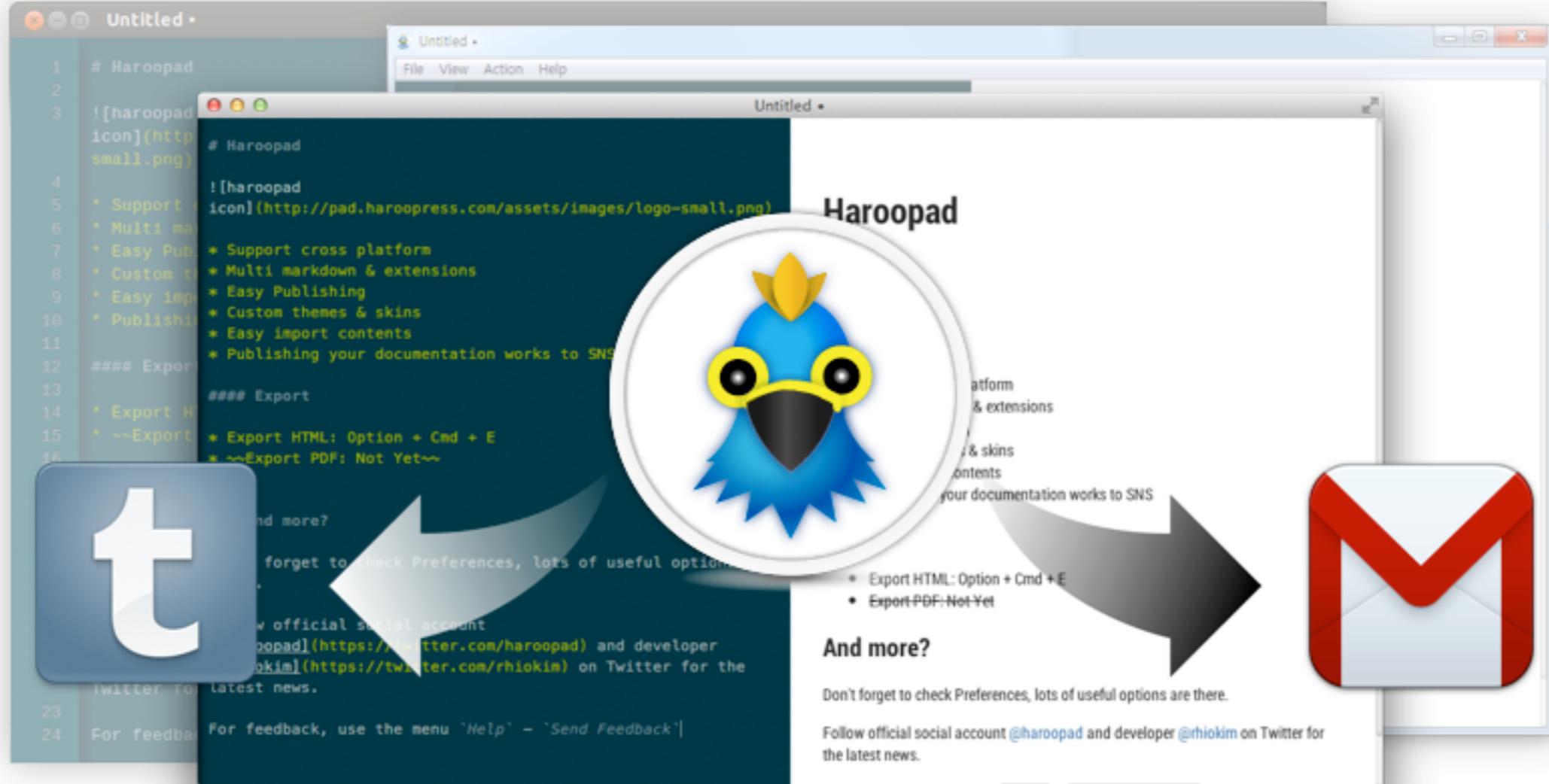
2014.01 ~ 2014.12

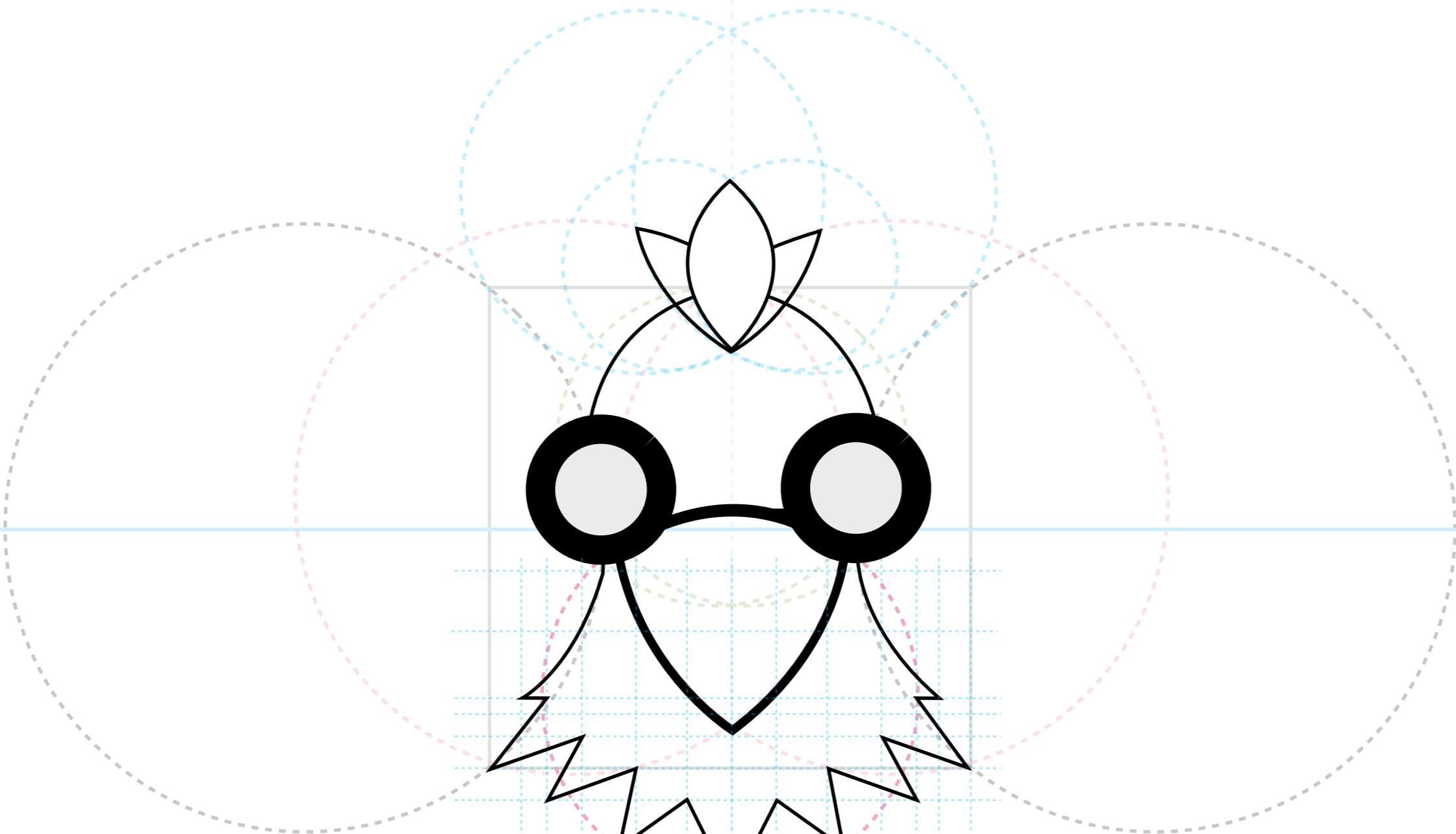


2015.01 ~ 2015.06

운영체제별 추이







How to develop

Stack

- Javascript
- NW.js (=node-webkit)
- marked.js, codemirror, mathjax, jQuery, backbone.js, require.js, store.js, keymage.js, ionicons, highlight.js, underscore. nodemailer, eventemitter, moment.js, remarked.js, i18next, mermaid ...
- npm, bower, grunt

nw.js



- CEF(Chrome Embedded Framework)
- Node.js/IO.js



module manage

- npm
- bower



How to cross package

- **Grunt - task automation**
efficient frontend build automation - concating, minify, uglify, packaging
- **System dependency build**
Generating Install Version for Cross-platform - Linux(Deb, Binary), Mac OSX(App, Code signing, generating DMG), Window (generate *.msi install version)

Development Cycle

- v0.2.0 - 0.13.2 (29 times release)
- Develop ➤ Build ➤ End User QA ➤ Update docs & license ➤ Cross Packaging ➤ Deploy ➤ Distribution ➤ Share & PR ➤ Push other echo-system ➤ Update Issue track

Repository Status

 Unwatch ▾ 61

 Unstar 760

 Fork 106

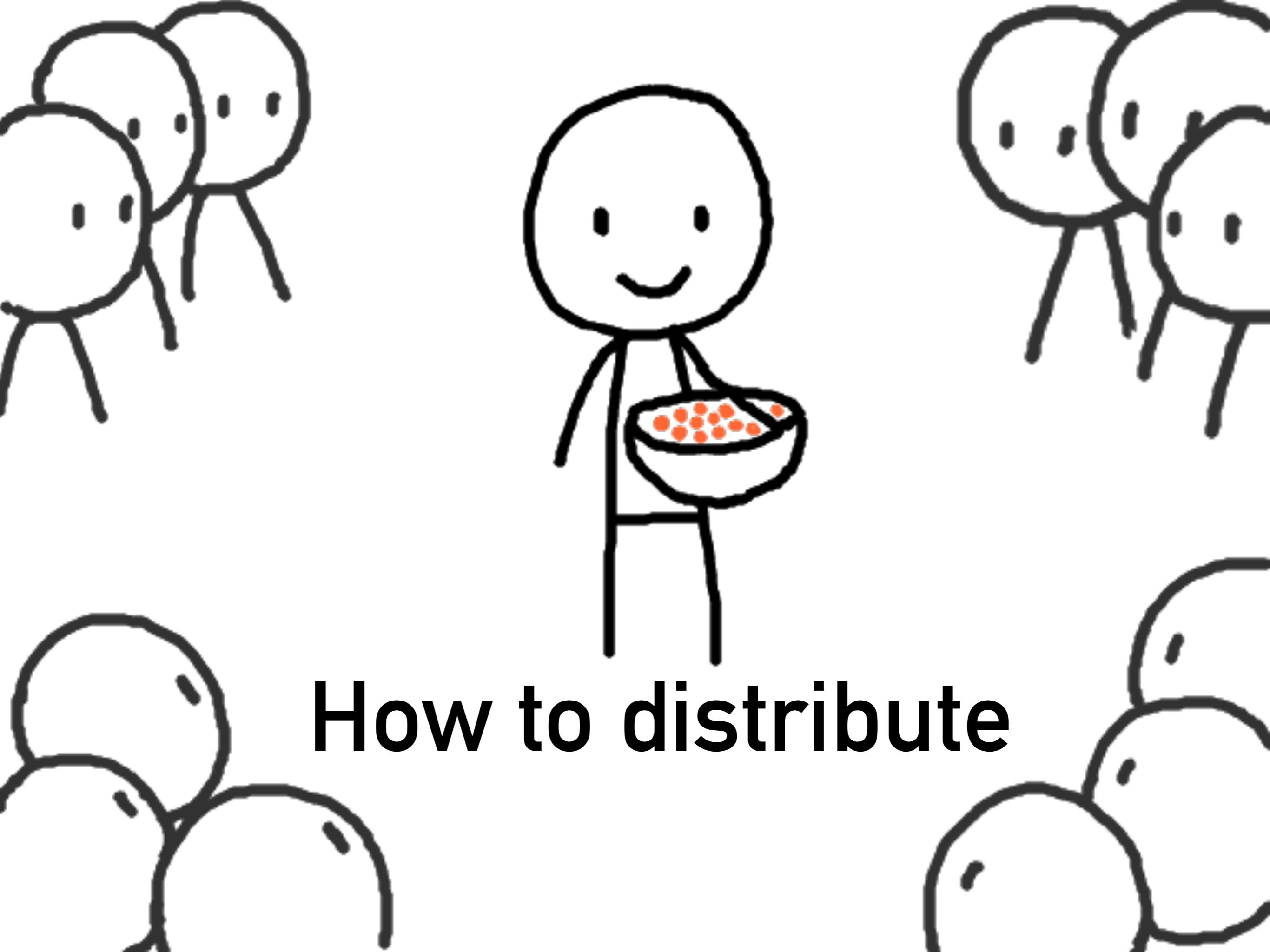


2. ~/Works/my/haroopad (zsh)

rhio@Rhioui-MacBook-Pro ~/Works/my/haroopad (develop•)\$ git summary [system]

```
project  : haroopad
repo age : 2 years, 7 months
active   : 364 days
commits  : 1930
files    : 39275
authors  :
 1929  rhiokim  99.9%
      1 Rhio Kim  0.1%
```

rhio@Rhioui-MacBook-Pro ~/Works/my/haroopad (develop•)\$ [system]



How to distribute

Haroopad - The Next Docu X

pad.haroopress.com/user.html

리오

Features Download Supports Credits Blog Studio

Haroopad *Beta*

is a markdown enabled document processor for creating web-friendly documents.

You can author professional-looking documents of various formats: blog posts, slides, presentations, reports, email and more.

Haroopad gives you the same editing experience regardless of the platform you are working on. It runs on all three major operating systems—Windows, Mac OS X, and Linux.

Markdown? Learn Haroopad

Publish Into Evernote and Post to Tumblr

Main Features



Cross Platform Support

Haroopad support (Ubuntu, 32/64 bit) Windows 7/8, Mac OS X, of Linux.



Easily Import Contents

More and more, we tend to save our documents on YouTube, Twitter, Vimeo, Slideshare, Flickr, Instagram, Soundcloud, Wikipedia, Pastebin and so on. Now, you can easily embed those contents into your documents.



Github Flavored Markdown + Extensions

Haroopad not only supports Markdown (GFM), but also has ability to build extensions for making your own features.



Beautiful Themes, Skins and UI Components

Haroopad supports modern themes in editing area, skins for transformed documents, UI components for interactive experiences and syntax highlighting for various programming languages. With these features, you can produce more legible documents.

Official Site

- 대부분의 프로젝트들은 공식 사이트를 갖는다.
 - <http://pad.haroopress.com/>
- 잘된 프로젝트는 잘된 문서를 갖는다.
 - <https://github.com/rhiokim/haroopad/tree/gh-pages/docs/ko>
 - <http://pad.haroopress.com/page.html>

Internationalization

- 프로젝트의 가치를 발휘하게 하는 방법은 널리 알리는 것
- 첫번째는 영문화
- 문서를 영문화 하다보니 하루패드도 영문화

Haroopad I18N

- 별도의 저장소 오픈
 - <https://github.com/rhiokim/haroopad-locales>
- 영문화 했더니 15개 국어로 번역

Share

- Homebrew Cask - <https://github.com/caskroom/homebrew-cask/pull/10080>
- Facebook - <https://www.facebook.com/rhiokim/posts/10205538756652479>
- Google Plus - <https://plus.google.com/107034185858524700350/posts/hn7G9WemBrR>
- Softpedia - http://www.softpedia.com/dyn-search.php?search_term=haroopad
- Twitter - @haroopad

Storage

- Dropbox
- Bitbucket
- Softpedia

How to talk about issues



Channels

- Sublime Text - Userecho.com
- Disqus
- Github Issue tracker
- Twitter

Costs

	Jan	Feb	Mar	Apr	May	Jun	Jul
Github	21	16	14	12	11	2	3
UserEcho	25	7	14	17	10	10	10
Disqus	4	2	1	0	2	5	6
Total	50	25	29	29	23	17	19

pros & cors

- 예측하지 못한 버그를 쉽게 찾고 빠르게 대응할 수 있음
- 사용자의 니즈를 무료로 분석
- 관리 비용이 생각보다 많음 (영어, 시간 등)
- 집중을 방해

foreigner

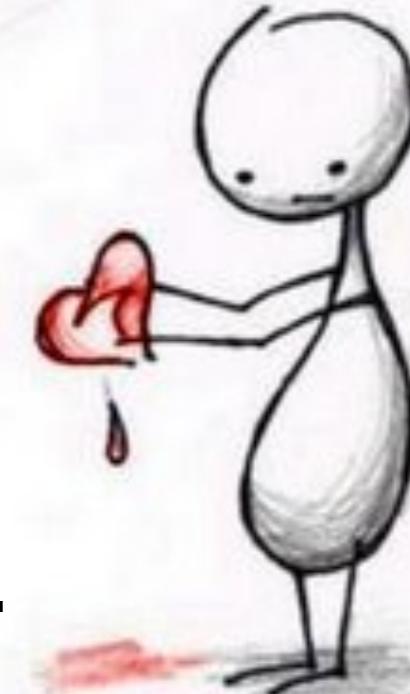
A photograph of a woman with long, flowing red hair. She is looking upwards and slightly to her right with a thoughtful expression. Her head is tilted back, and her eyes are closed or looking towards the sky. She is wearing a light-colored, possibly white, garment that appears to be draped over her shoulders. The background is a soft-focus outdoor scene with warm, golden light, suggesting either sunrise or sunset. The overall mood is contemplative and serene.

- Modify letter case
<https://github.com/rhiokim/haroopad/issues/425>
- Add Vim mode remaps
<https://github.com/rhiokim/haroopad/issues/449>
- 0.13 is very slow on Windows 7
<https://github.com/rhiokim/haroopad/issues/453>

korean

- 문서간의 링크 기능이 추가되었으면 합니다.

<https://github.com/rhiokim/haroopad/issues/516>



I don't want it anymore.

- 마크다운 문법 체크박스는 지원하지 않나요?

<https://github.com/rhiokim/haroopad/issues/228>

- Vim 키바인딩 보완 필요합니다.

<http://haroopad.userecho.com/topic/367793-vim/>





How to improve value

PR

- reddit, google plus, twitter, facebook, fc2, qiita
- stackoverflow.com
- blog comments
- slant.co
- hackernews
- softpedia.com

What is the best markdown editor?



ToolCon 2014 with FRENDS

Markdown & Haroopad
마크다운 문서의 재발견, 하루패드 미립자립

Markdown & Haroopad
마크다운 문서의 재발견, 하루패드 미립자립



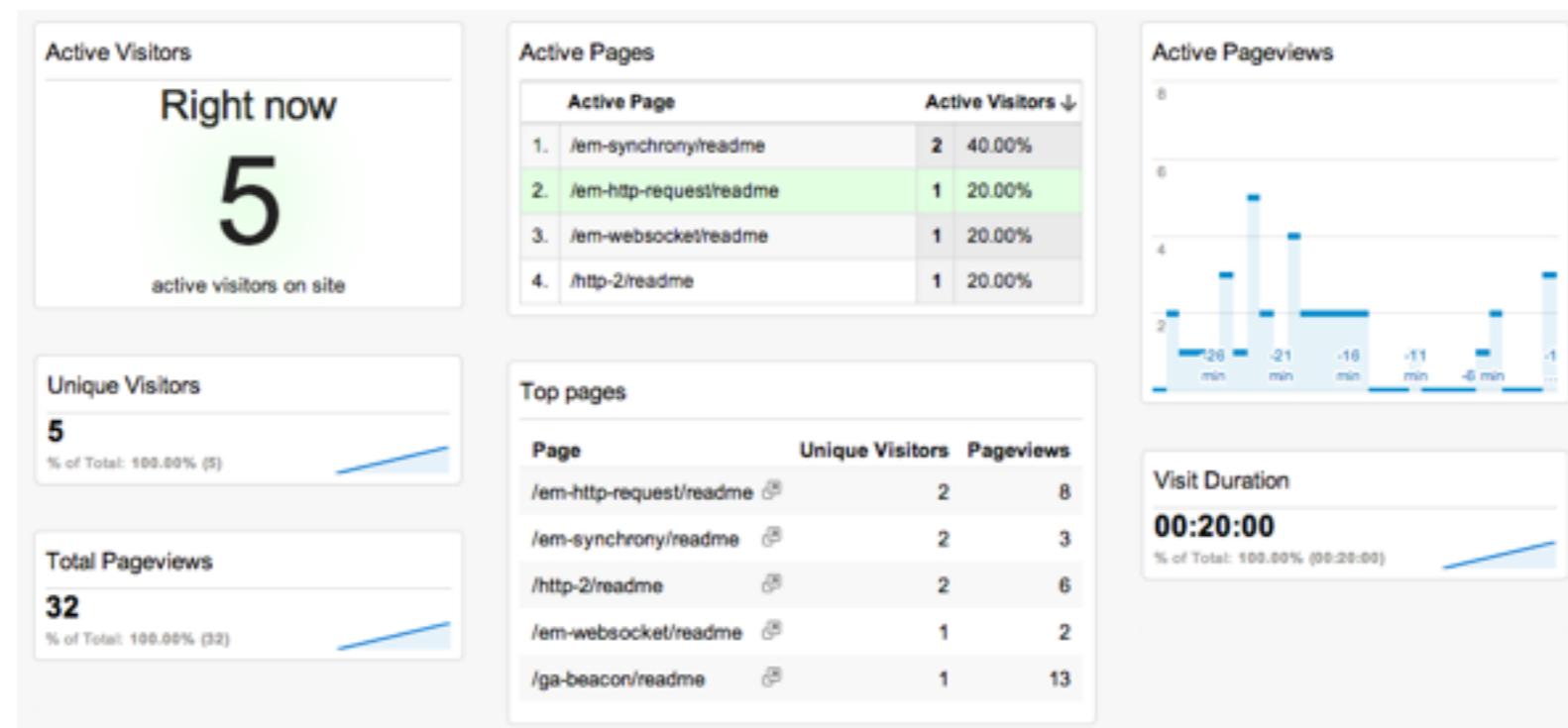
A world map background featuring a complex network of nodes and connections in shades of teal, blue, and white. The network is dense in North America, Europe, and Asia, with more sparse connections in Africa and South America.

How to analyze data

setup

- ga-beacon
<https://github.com/igrigorik/ga-beacon>
- google analytics

analysis



Statistics

Selected interval in numbers

Visits	80,774	Avg. Visit Duration	00:05:40
Unique visitors	19,206	Bounce rate	47.63%
Page views	109,334	New visits	14.56%
Average pageviews	1.35		

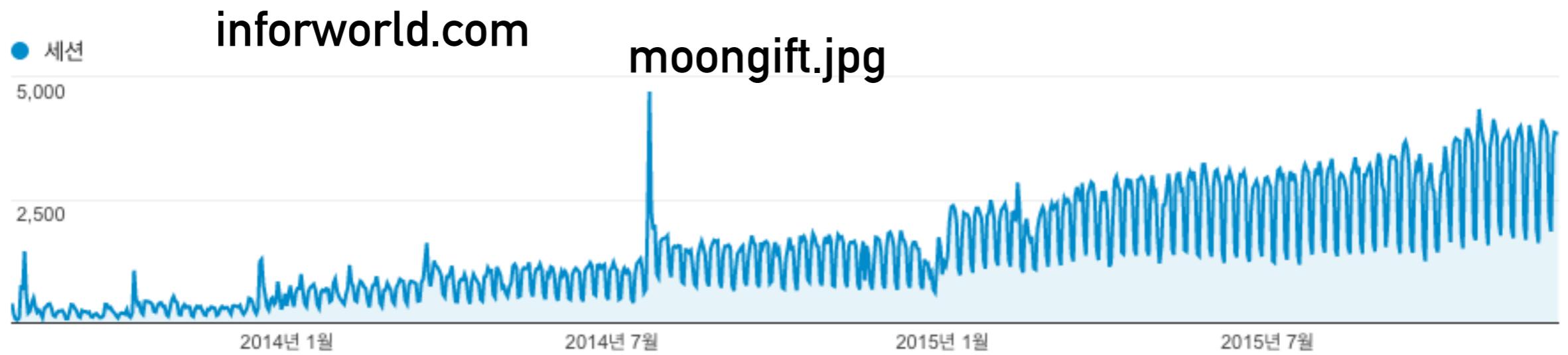
data

- 다운로드 회수
- 국가별 마크다운 관심도
- 운영체제별 마크다운 활용도
- 새로운 기능 활용도

linux action show

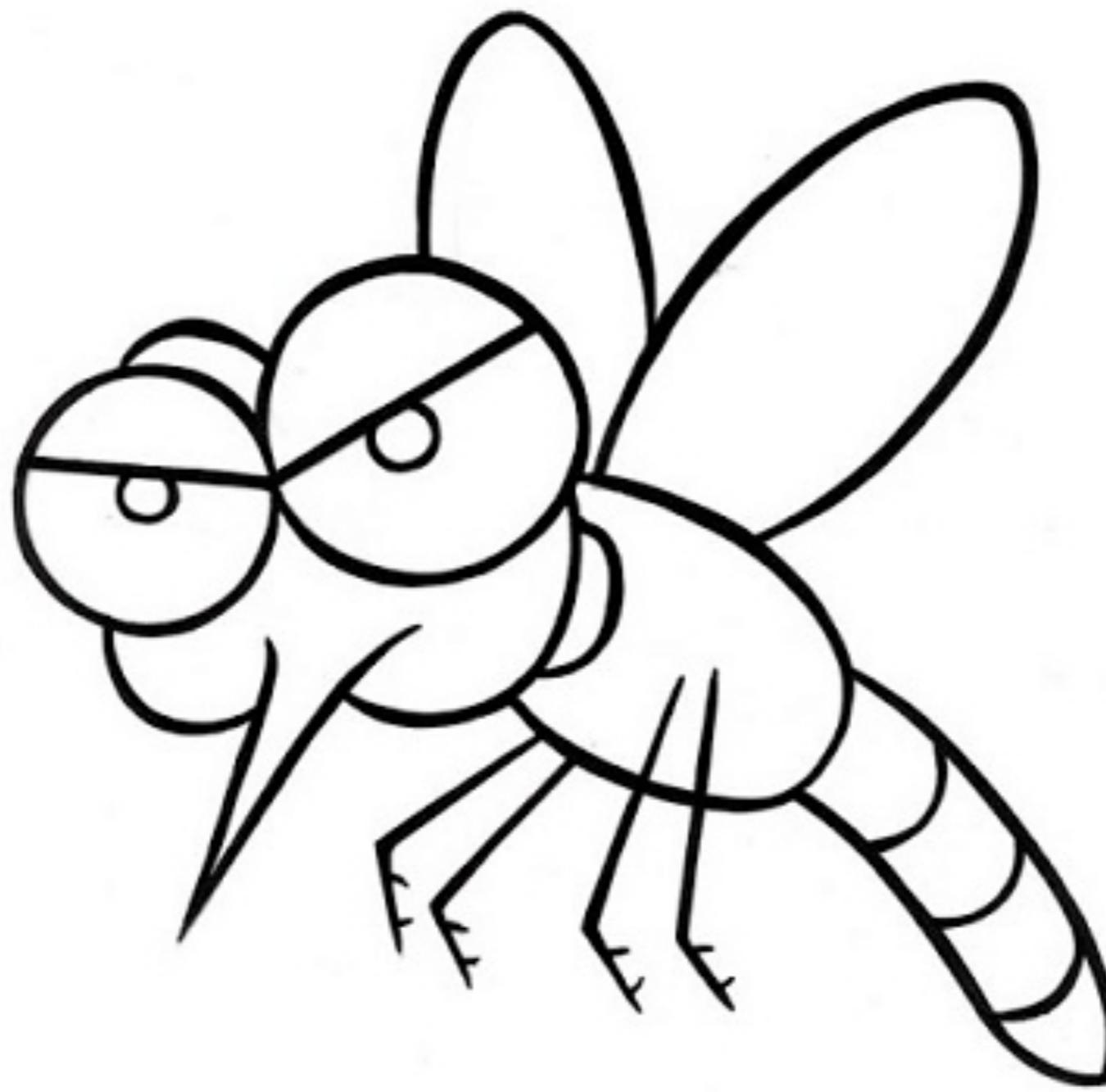
Google+ node.js Community

chinese dev community



How to communicate





모기 밭에 피



하루패드에 대한 열정

영어 울렁증

막연한 어려움

집중
방해요소

답변할 때

It's not supported yet. But it's not hard to add this feature. Please submit an issue if you need it.

생성 3.
. 변수의 객체
로 활성객체

Could you please explain it a little bit in detail?

We have plan to support programmers configure what features are needed and reduce the binary size.

It will be available in the upcoming 0.9.0 release.

mething.
' 에버노트의
갖을 시장도

It is working perfectly :)

It would be better if this join with ~~

Yes, at current time it's better to look into parser src, or existing pugins. I will add more examples & explanations, but do expect it to be in top priority.

Unfortunately, we can't reproduce what you said. it may cause by something else rather than haroopad. node-wekit is suspicious for the problem, it depends on options

I didn't fix it. Does it work for you?

close as duplicate of [#301](#)

does 0.9.1 works well for you?

I'll try to fix this in next version [0.9.2](#). Thanks.

If you have a question more, don't hesitate to ask.

As you might know, (너도 알다시피)



Self Question

영어를 잘하기 위해서 오픈 소스를 시작했니?

Appendix

Business

- 피드백 분석을 통한 가치분석
- 더 나은 가치에 집중
- 오픈과 폐쇄

Logo & Image



original



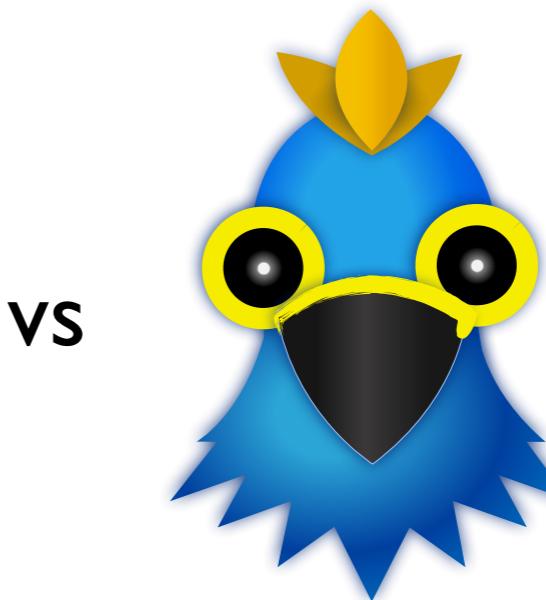
born



similar



target



vs

now

A close-up photograph of a baby's face. The baby has light brown hair and is looking directly at the camera with a wide-eyed, slightly shocked expression. Their mouth is open, showing their tongue and some drool. The background is dark and out of focus.

Donation

Not Enough!!!!

Donate to help keep development going!

Has this been a help to you? Donate to
help keep development going. [Donate](#)

 [Donate](#)

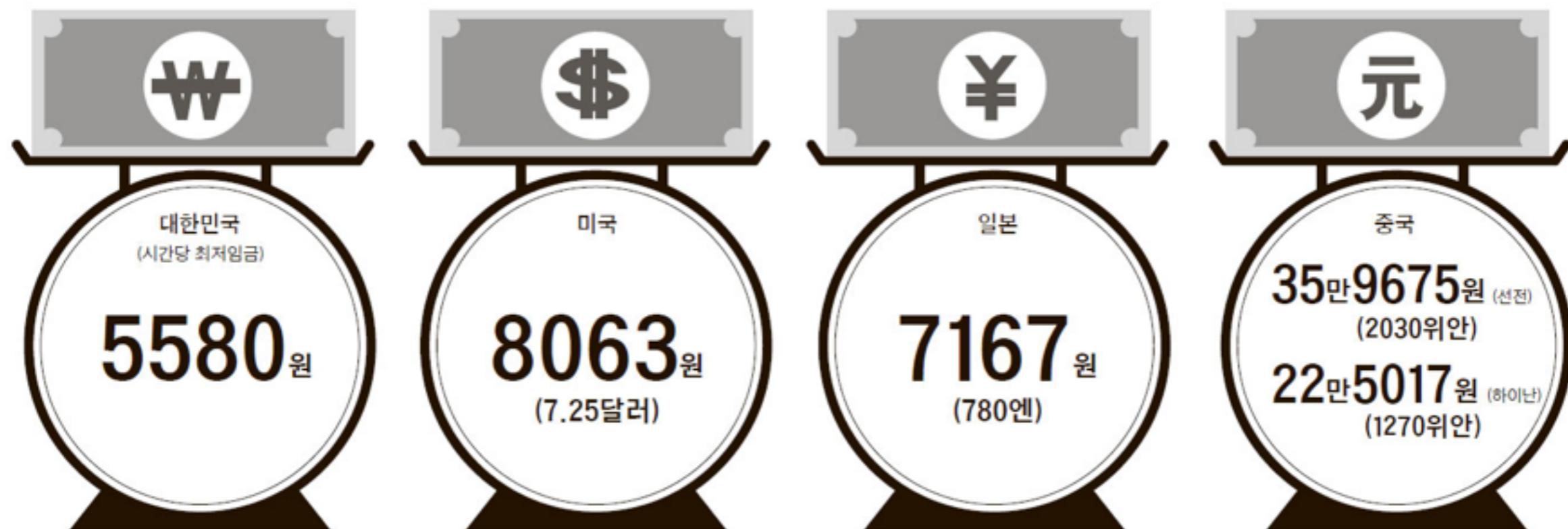
 [Share](#) ▾

 [Spaces](#) ▾

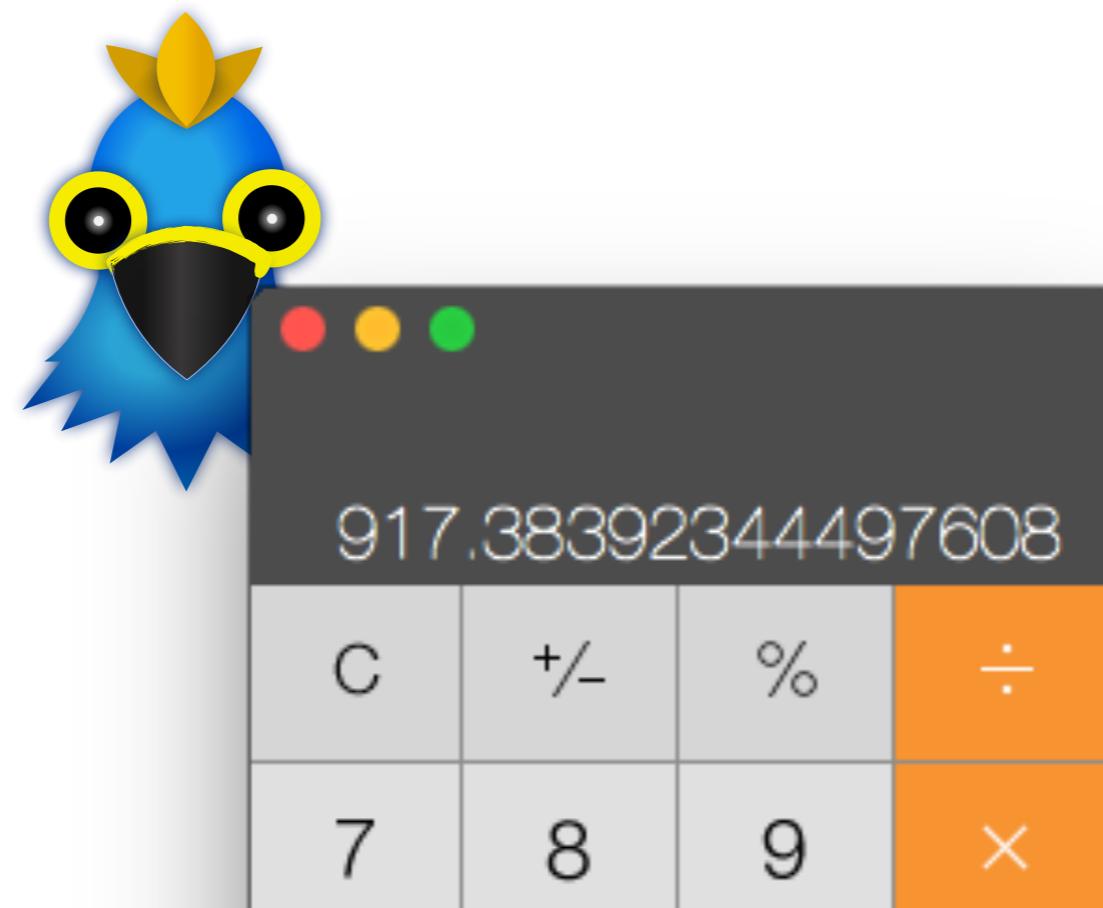
 [Column](#) ▾







자료: 한국무역협회·최저임금위원회(미국·일본·중국은 한화 환산 금액, 중국은 월급 기준)





Please help
=====

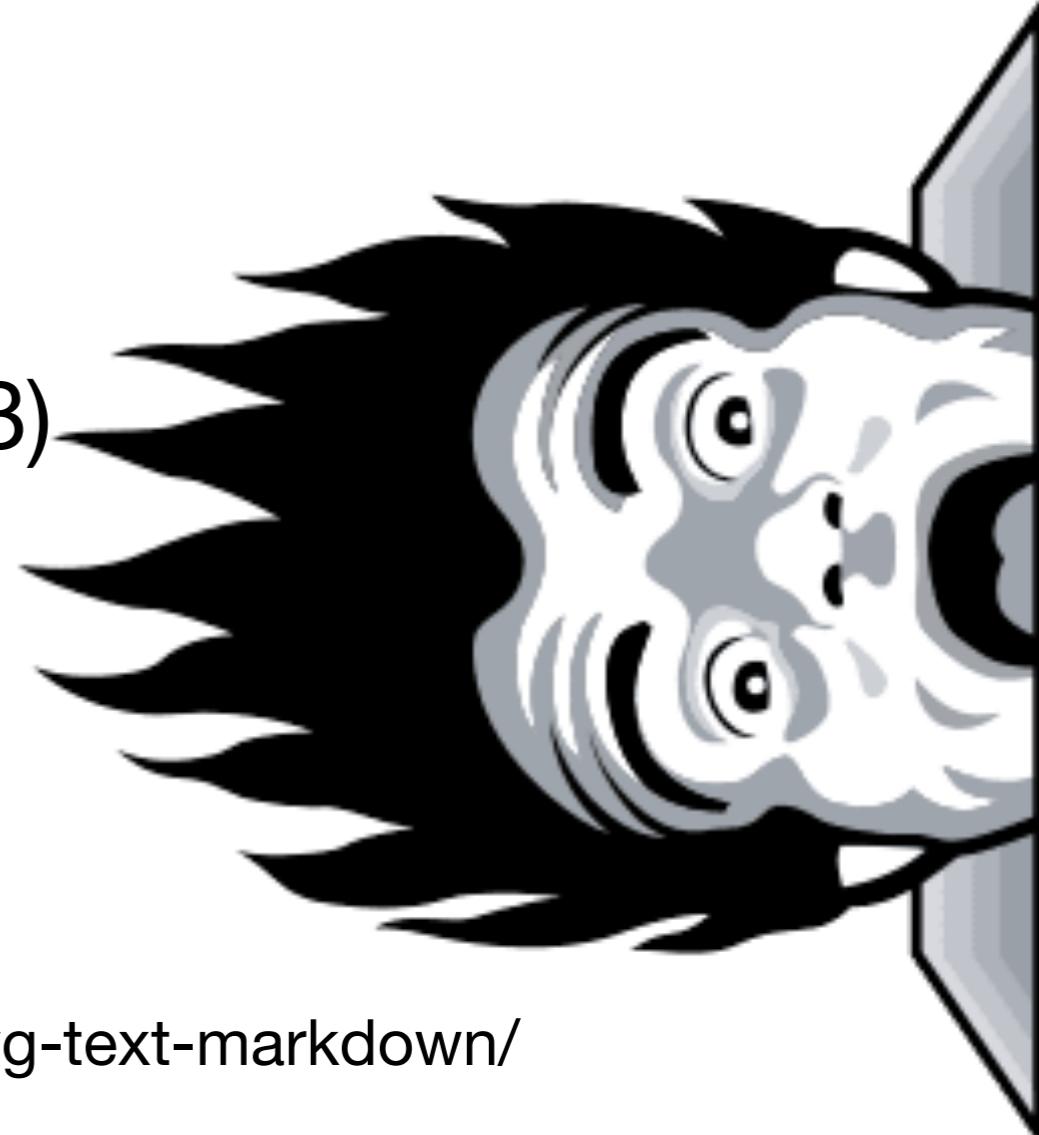
Wife left me for [lonelysandwich][1].
Need money for my sandwich shop
beer][2].

Standardisation Markdown

[1]: <http://twitter.com/lonelysandwich>
[2]: [http://daringfireball.net/
linked/2009/05/11/book-bootlegging](http://daringfireball.net/linked/2009/05/11/book-bootlegging)

CommonMark

- Latest version 0.22 (2015-08-23)
<http://spec.commonmark.org/>
- Start 2014-10, Two years
- IETF text/markdown Media Type
<https://datatracker.ietf.org/doc/draft-ietf-appsawg-text-markdown/>



CommonMark - Hot

- Generic directives/plugins syntax
- Consistent attribute syntax
- Metadata in documents
- Default line break handling is inconvenient

Market

- Ghost, Tumblr
- Leanpub, Gitbook.io
- Stackedit.io, marxi.co
- Wordpress, Github



Thanks
I love Markdown
rhiokim@gmail.com, @rhiokim, @haroopad
<http://pad.haroopress.com>

