



버전관리시스템 종류와 소개

<https://www.facebook.com/groups/kgugs/>

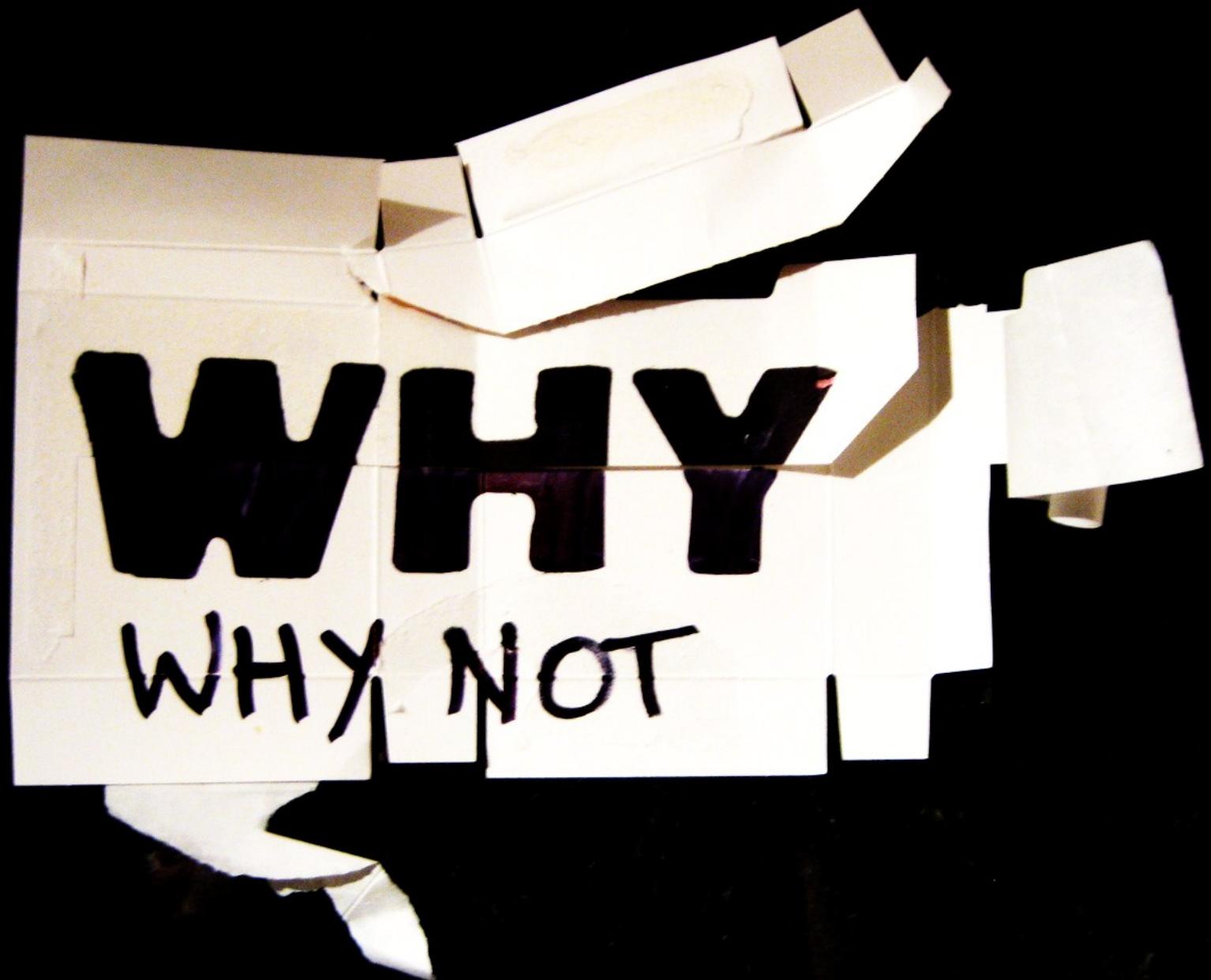
KGUG 소개

Korea Git User Group

<https://www.facebook.com/groups/kgugs/>

1000+ Members !!!

The screenshot shows the Facebook group page for 'Korea Git User Group'. A large blue banner at the top proclaims '1000+ Members !!!'. Below the banner, a post from member 김덕홍 (Kim Deok-hoon) announces a workshop titled 'Korea Git User Group에서 준비한 학생을 위한 버전관리시스템의 이해와 Git에 대한 2차 교육을 진행 합니다.' (We will conduct a second-level education on version control systems and Git for students prepared by the Korea Git User Group). The post includes details like date (Dec 14, 2013), time (13:00 ~ 18:00), and target audience (undergraduates, postgraduates, etc.). To the right of the post, there's a sidebar for adding members to the group and creating new groups. At the bottom, there are links to other groups and a ' 모두 보기' (View All) button.



<https://www.flickr.com/photos/alshepmcr/4298593016>

GitHub Octdex

← → C ⌘ ⌘ https://octodex.github.com

+Github

GitHub Octdex

#118 the Minertocat by [User]

#117 the Mountietocat by [User]

#116 the Saketocat by [User]

#115 the Luchadortocat by [User]

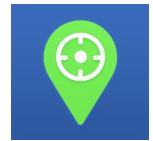
#114 the Saritocat by [User]

#113 the Topguntocat by [User]

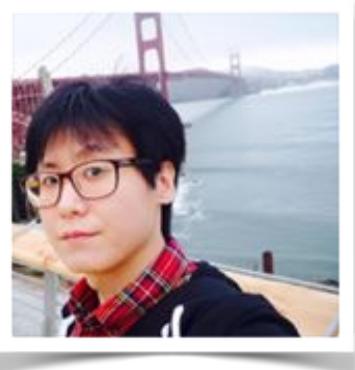
ROS FAQ Back to GitHub

석종일 Programmer

“우리가 함께 지내요~ >_<”



@daclouds_



버전관리*

파일의 변화를 시간에 따라 기록하는 것



	6 seconds ago
	1 minutes ago
	7 minutes ago
	13 minutes ago
	1 month ago

문서 작성



제출





Stop emailing code

수정되면 파일명 바꾸기

내용



자료구조_리포트_v1



자료구조_리포트_v2



자료구조_리포트_v3



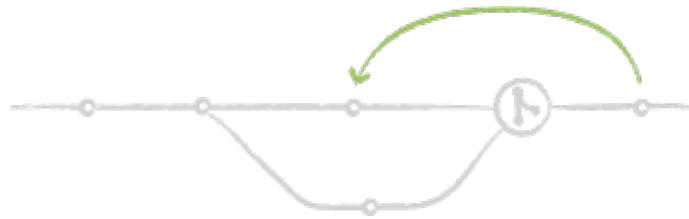
시간



파일이 날아갔다면?

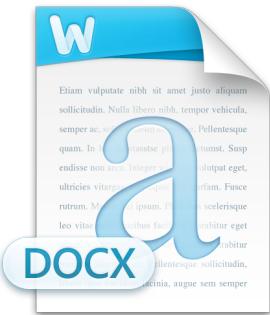
파일
이름
바꾸기

이전 버전으로 되돌릴 수 없다

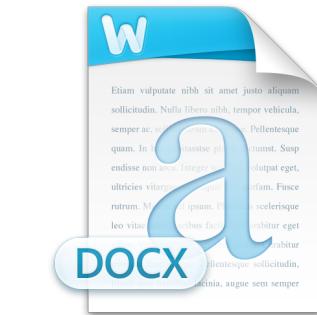


Never lose your work

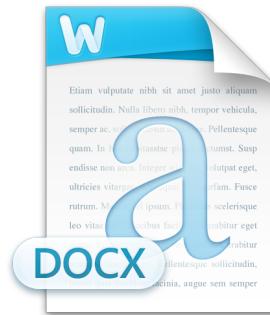
이전 파일 보관



자료구조_리포트_v1



자료구조_리포트_v2



자료구조_리포트_v3

파일 비교

2. vi (vim)

```

1 어쩌면 아니길 바랬나 봐
2 얼마 전부터 밤낮으로 날 괴롭히는 두근거림
3 덕분에 나 어제는 한숨도 못 잤어
4 미안 아마 너도 느꼈을 거야
5 어설프게 감추며 네 주월 맴돌던 내 모습이 네게
6 많이 거슬렸다면 사과할게
7 사실은 지금도
8 할 수만 있다면 계속 부정하고 싶다
9 근데 솔직히 조금은
10 헛갈리게 만든 네 책임도 있는 거 아냐
11 늦은 밤 진동 소리에
12 은근한 목소리로 나를 깨웠잖아
13 아침은 꼭 먹고 다니라며
14 다정했던 걱정 정말 넌 아무 뜻도
15 없었냐
16 걱정 마 심각한 수준은 아냐
17 네게 심심풀이 땅콩이라도 좋다느니 뭐 그런 얘기 아냐
18 잠깐 이러다 알아서 정리할게
19 녹음 시간은 벌써
20 2분 30초가 막 넘어가고 있네
21 사실 더 할 말도 없어
22 어차피 아무 대책 없이 그냥 한 번 질러본 거니까
23 참 끝까지 초라하다
24 나 왜 이렇게 한심하니
25 이런 건 아닌데
26 답장을 못내 기다릴 텐데
27 역시 아니라면 난 아니라면
28 네가 아니면 뭐 아닌 거지 뭐
29 아닌 거지 뭐
30
~
```

2. vi (vim)

```

1 어쩌면 아니길 바랬나 봐
2 얼마 전부터 밤낮으로 날 괴롭히는 두근거림
3 덕분에 나 어제는 한숨도 못 잤어
4 미안 아마 너도 느꼈을 거야
5 어설프게 감추며 네 주월 맴돌던 내 모습이 네게
6 많이 거슬렸다면 사과할게
7 사실은 지금도
8 할 수만 있다면 계속 부정하고 싶다
9 근데 솔직히 조금은
10 헛갈리게 만든 네 책임도 있는 거 아냐
11 늦은 밤 진동 소리에
12 은근한 목소리로 나를 깨웠잖아
13 아침은 꼭 먹고 다니라며
14 다정했던 걱정 정말 넌 아무 뜻도
15 없었냐
16 걱정 마 심각한 수준은 아냐
17 네게 심심풀이 땅콩이라도 좋다느니 뭐 그런 얘기 아냐
18 잠깐 이러다 알아서 정리할게
19 녹음 시간은 벌써
20 2분 30초가 막 넘어가고 있네
21 사실 더 할 말도 없어
22 어차피 아무 대책 없이 그냥 한 번 질러본 거니까
23 참 끝까지 초라하다
24 나 왜 이렇게 한심하니
25 이런 건 아닌데
26 답장을 못내 기다릴 텐데
27 역시 아니라면 난 아니라면
28 네가 아니면 뭐 아닌 거지 뭐
29 아닌 거지 뭐
30
~
```



1. daclouds@macbook-air: ~ (zsh)

```
daclouds@macbook-air:~  
> diff voice_mail_v1.txt voice_mail_v2.txt  
13c13  
< 아침은 먹고 다니라며  
---  
> 아침은 꼭 먹고 다니라며
```

daclouds@macbook-air:~

> |

```
1. git diff HEAD^1 (git)
diff --git a/voice_mail.txt b/voice_mail.txt
index e51a2a6..7d8cc16 100644
--- a/voice_mail.txt
+++ b/voice_mail.txt
@@ -10,7 +10,7 @@
햇갈리게 만든 네 책임도 있는 거 아냐
늦은 밤 진동 소리에
은근한 목소리로 나를 깨웠잖아
-아침은 꼭 먹고 다니라며
+아침은 먹고 다니라며
다정했던 걱정 정말 넌 아무 뜻도
없었느냐
걱정 마 심각한 수준은 아냐
(END)
```

Remove Ruby-specific parts of docs in prep for move to Go

Ruby is not required at runtime anymore
 Most installation instructions are now obsolete. Will need to write new instructions when we distribute precompiled binaries.
 Remove tedious parts about slowness. It's not slow anymore!

master (#605) v2.2.0-preview1

mislav authored on 30 Jul 1 parent fdb8f69 commit 486abc280215081f051923fd7b21c16db1c392e2

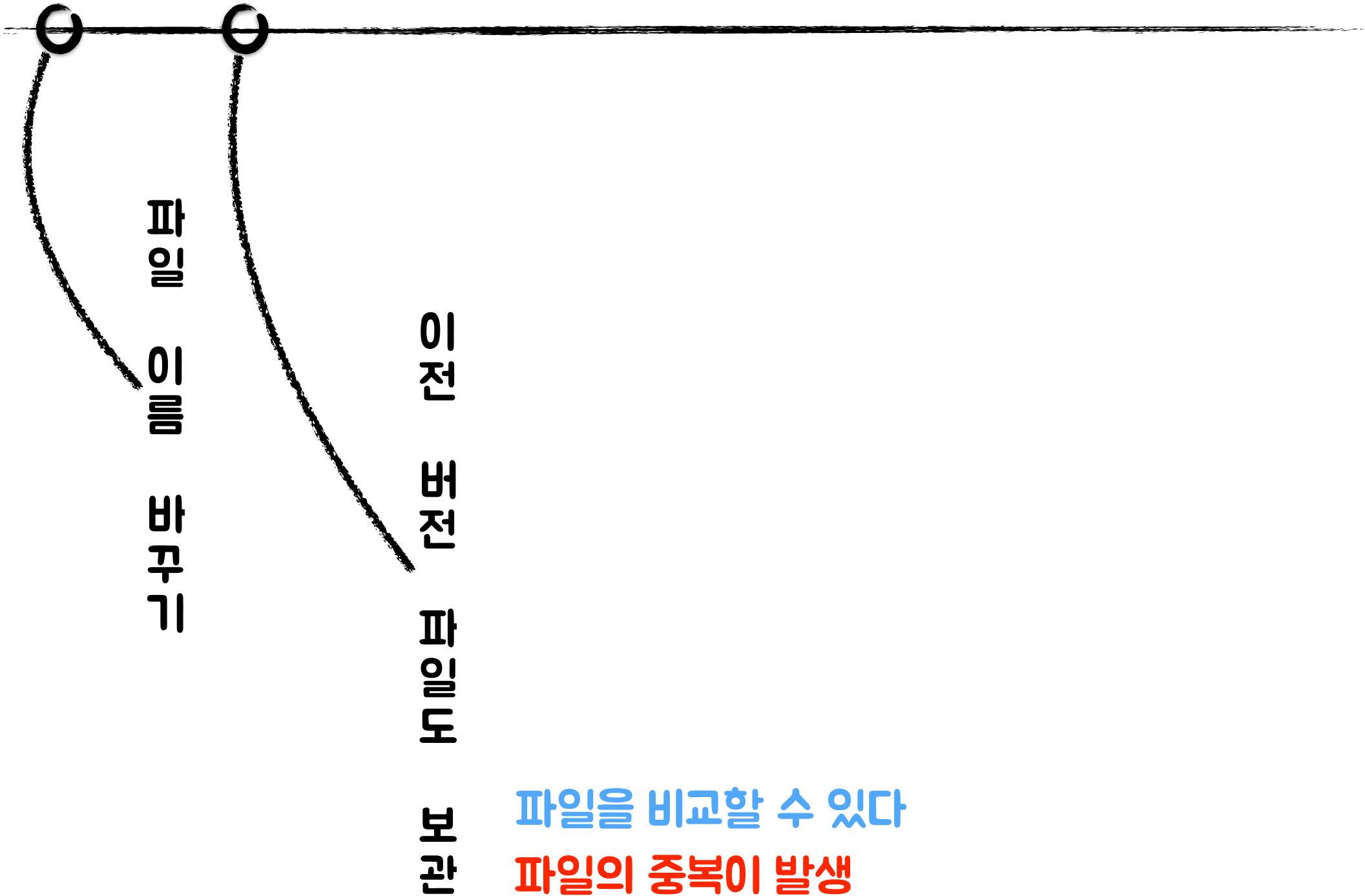
Showing 2 changed files with 5 additions and 125 deletions.

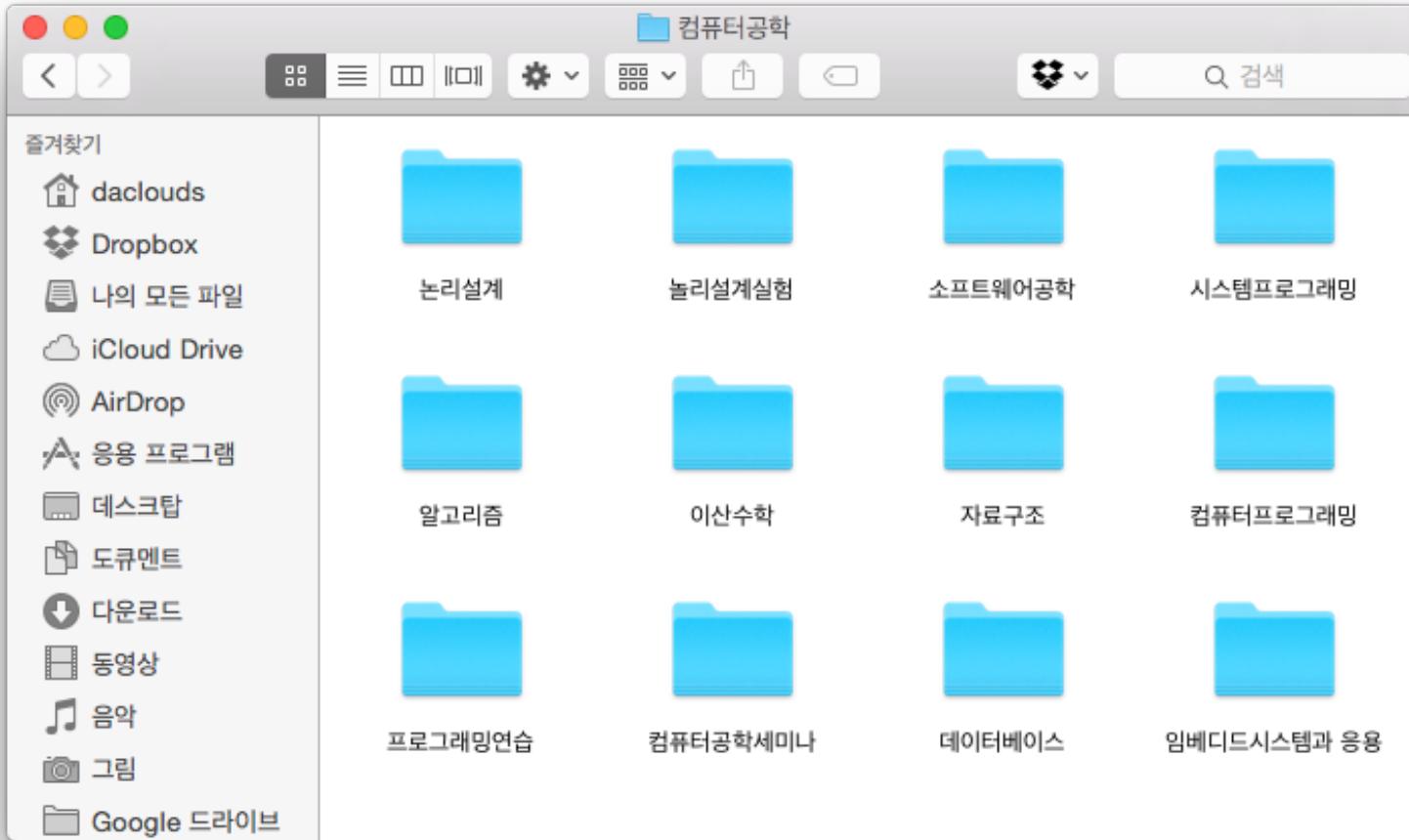
Unified **Split**

```

38 CONTRIBUTING.md
...
@@ -1,14 +1,10 @@
 1 Contributing to hub
 2 =====
 3
 4 -<i>**Warning:** in the near future, hub might be implemented
 5 -[entirely in Go instead of Ruby](https://github.com/github/hub/issues/475).
 6 -Keep that in mind, and don't contribute big features/refactorings to
 7 -the Ruby codebase, as such pull requests will be unlikely to get accepted.</i>
 8 -
 9 You will need:
10
11 -1. Ruby 1.8.7+
12
13 2. git 1.8+
14 3. tmux & zsh (optional) - for running shell completion tests
15
16 @@ -34,10 +30,8 @@
17   These instructions assume that _you already have hub installed_ and aliased as
18
19 1. Clone hub:
20   `git clone github/hub && cd hub`
21
22 -1. Ensure Bundler is installed:
23   `which bundle || gem install bundler`
24 -1. Install development dependencies:
25   `bundle install`
26
27 2. Verify that existing tests pass:
28   `script/test`
29
30 3. Create a topic branch:
31
32 @@ -53,32 +47,8 @@
33   These instructions assume that _you already have hub installed_ and aliased as
34
35 8. Open a pull request describing your changes:
36   `git pull-request`
37
38 -## How hub works
39 -
40 -1. [Runner](lib/hub/runner.rb#files) handles the command-line invocation;
41 -
42 -2. [Args](lib/hub/args.rb#files) wraps ARGV for easy access;
43
44
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60

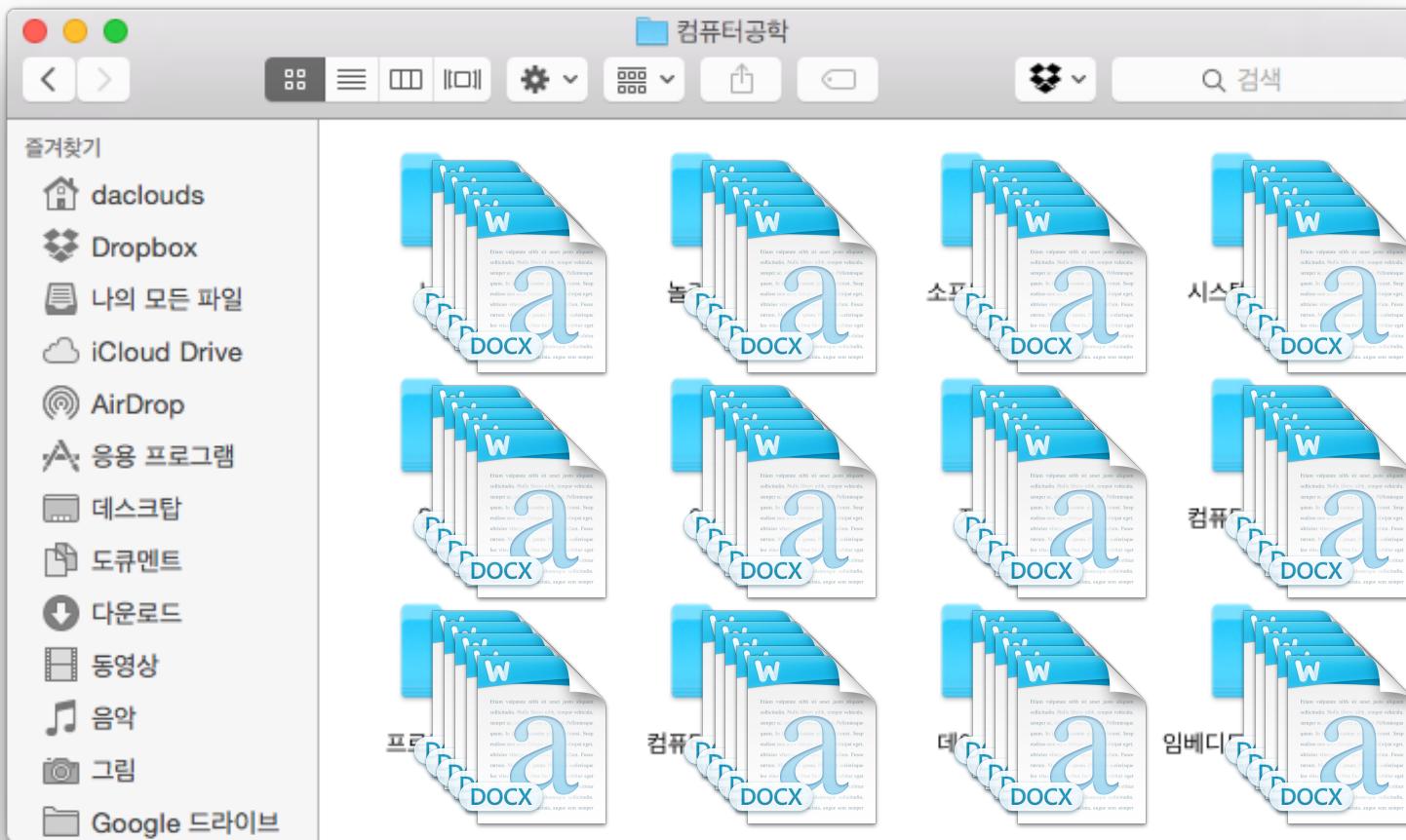
```





폴더가 늘어났다면?

엄청난 중복이 발생합니다.





이벤트

파일

사진

공유

링크

이벤트

이벤트는 Dropbox에서 변경된 사항을 시간순으로 보여줍니다.



모두



2014/11/3

2014-10-29 19.29.04.jpg 및 5개 파일을 추가했습니다.

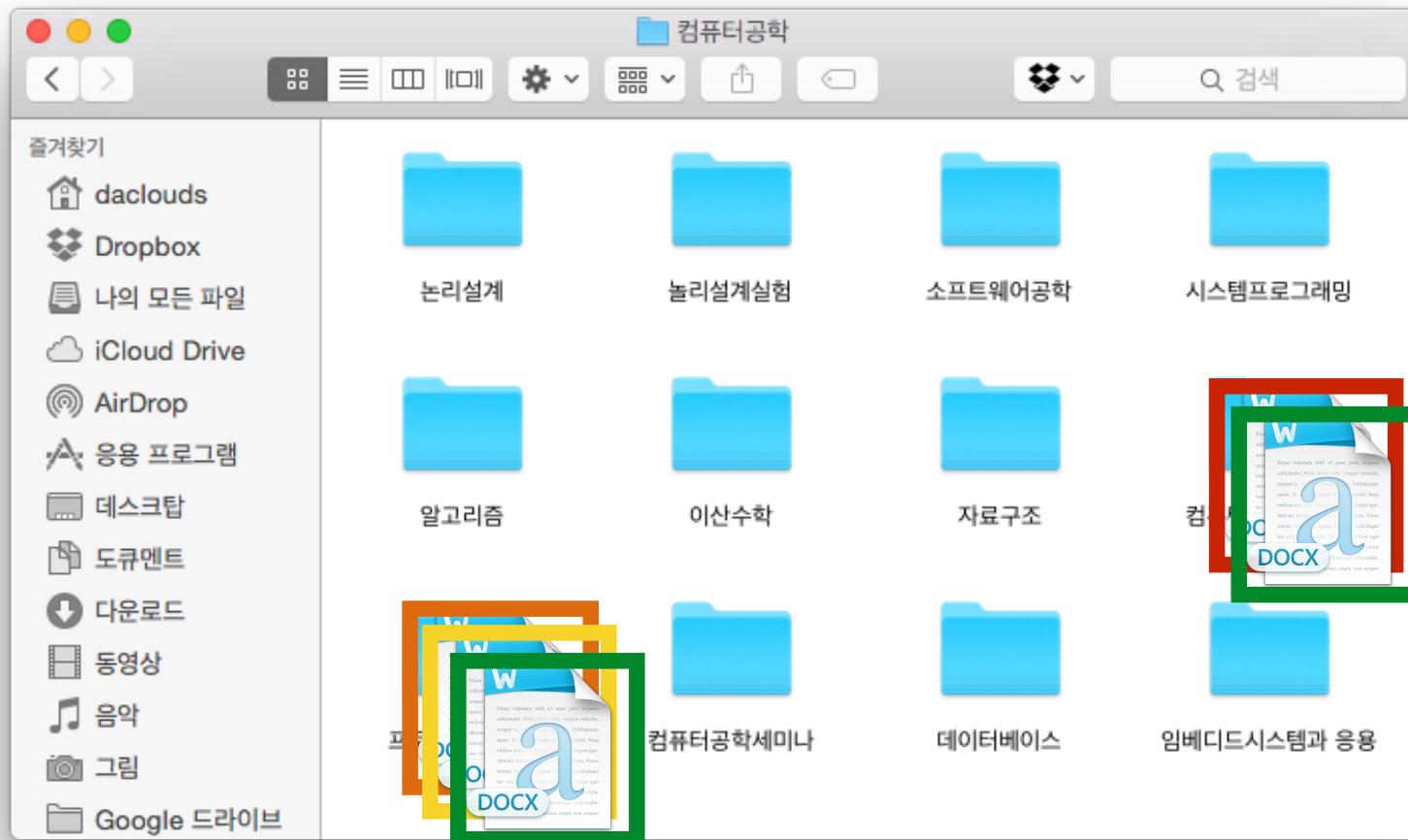
2014/10/31 오후 2:59일

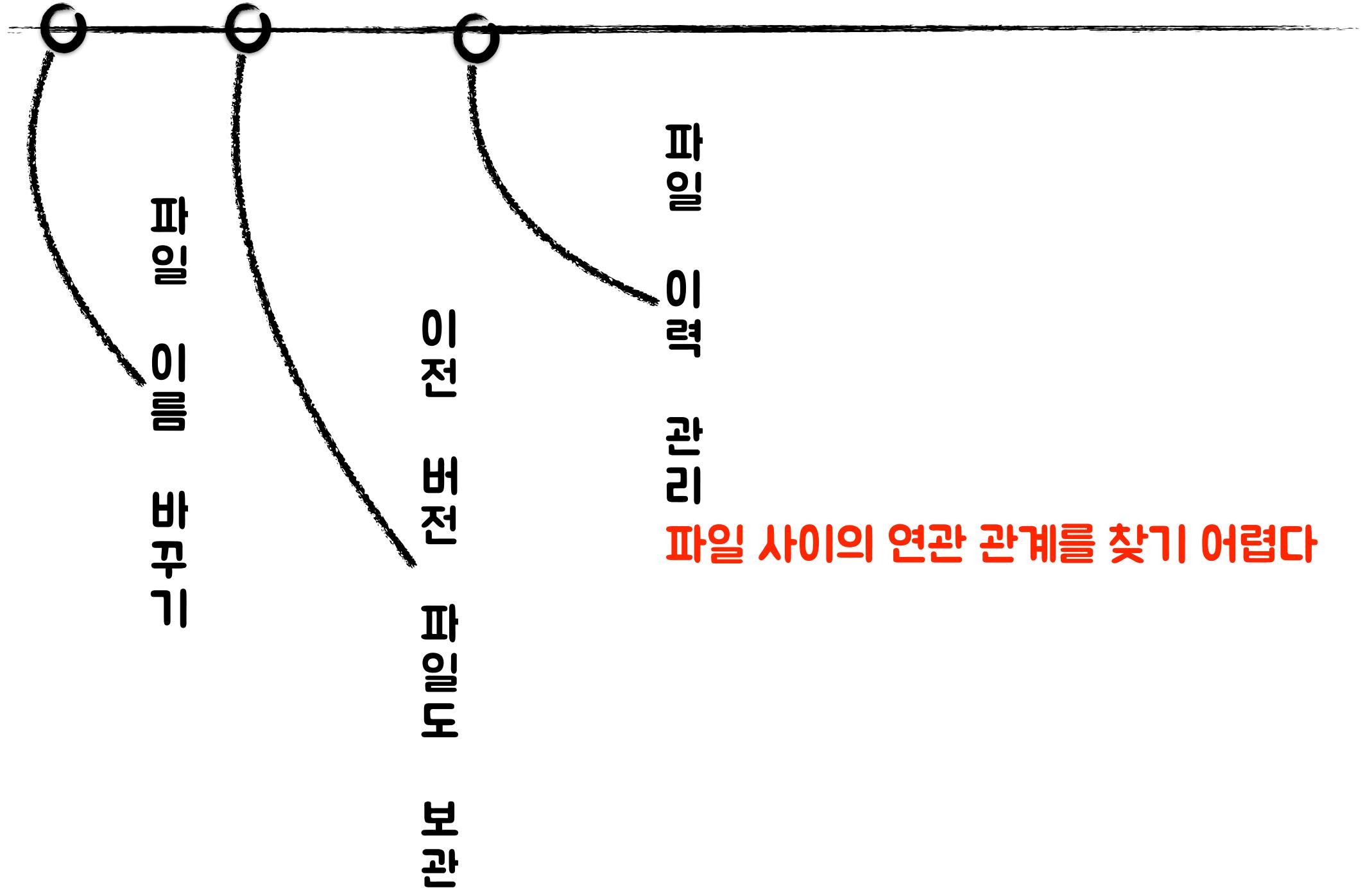
sourcetreeconfig 파일을 수정했습니다.

2014/10/31 오전 2:17일

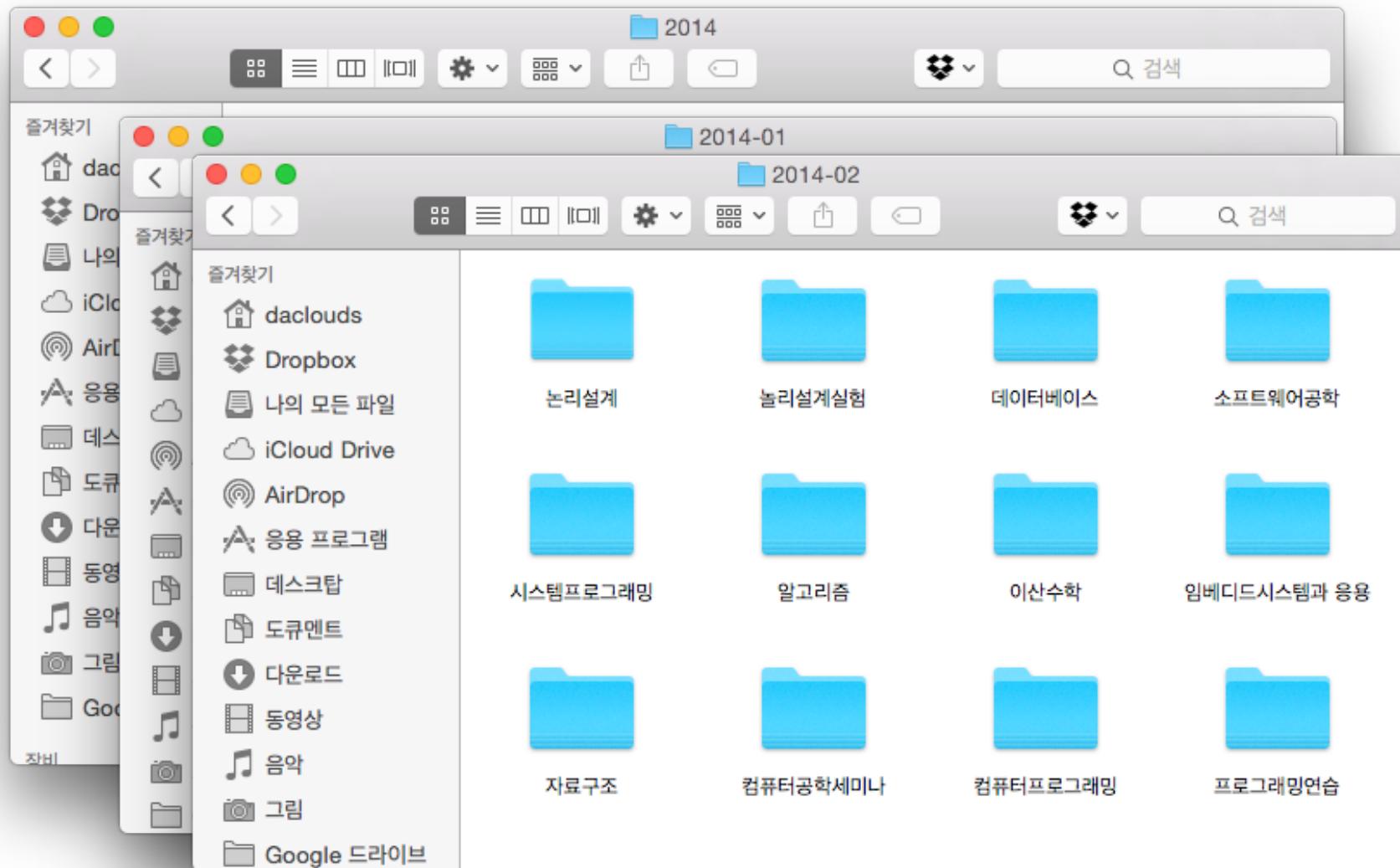
**dropbox 나 google drive 를 이용하는 것도
버전관리를 할 수 있는 좋은 방법이에요**

하지만 파일 하나가 아니라 여러 개의 파일을 묶어서 관리하고 싶다면?





시간에 따라 정리



어느 쪽이 알아보기 쉬운가요?

2014-12-20 13:30

2014-12-20 11:59

2014-12-19 19:24

2014-12-17 14:33

2014-12-11 23:15

...

Commit, Issue 용어 설명

VCS 종류별 장단점

git 기본 명령어와 중복된 내용 제거

저작권 관련 표기

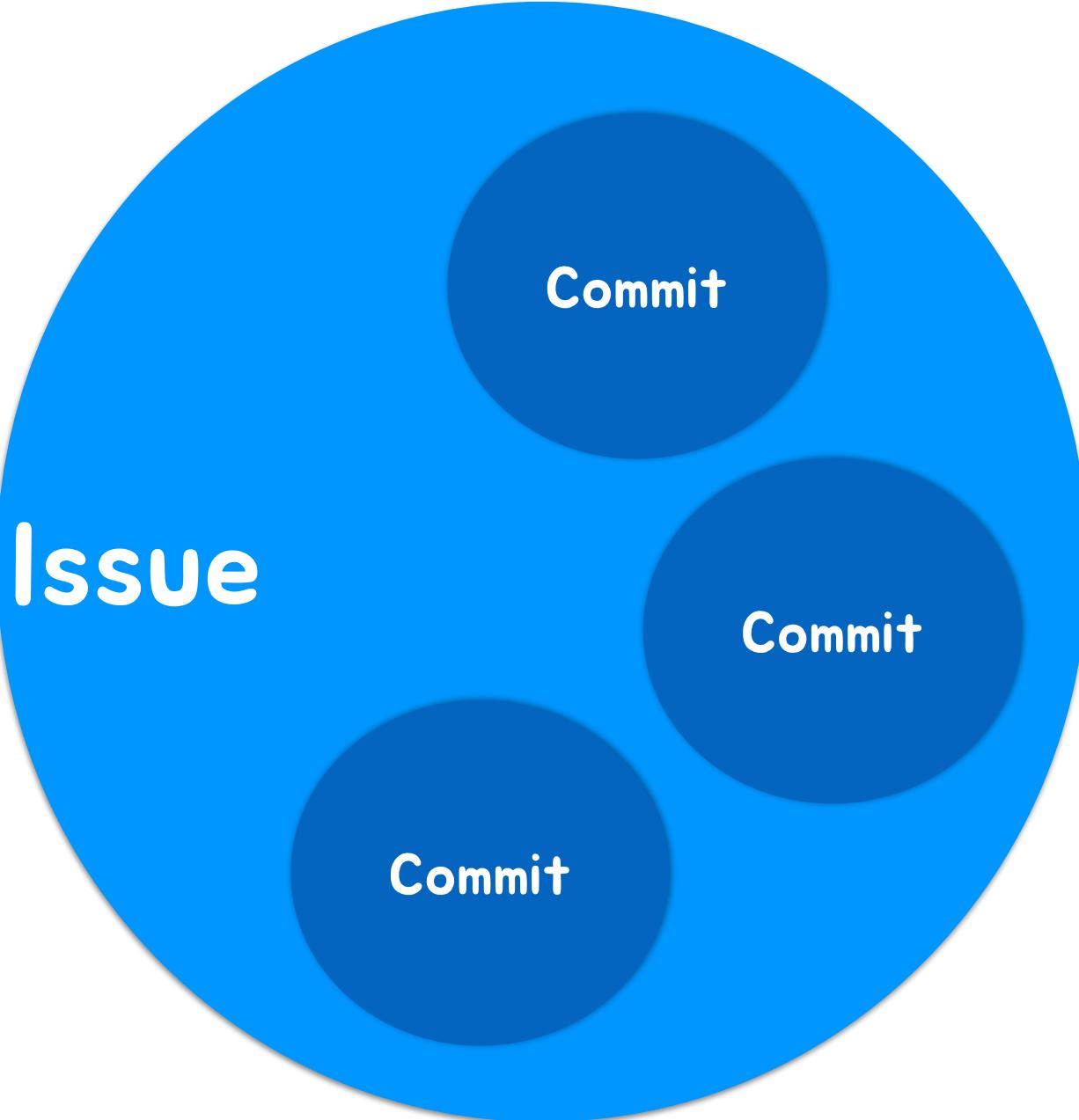
vim 배우기

...



Commit

제목, 내용, 시간, 작성자



Issue

Commit

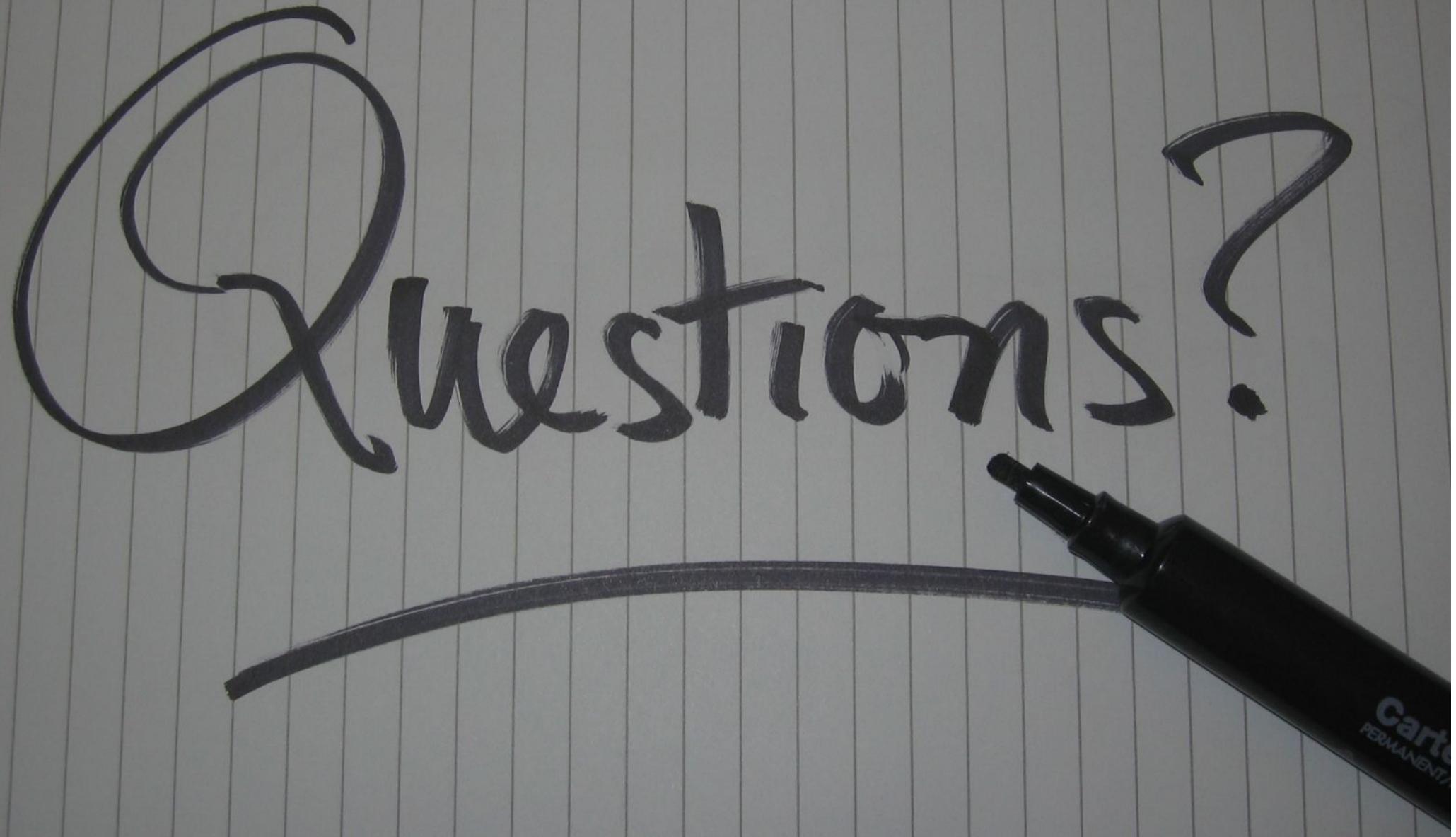
Commit

Commit



Stay organized

이런 문제를 해결할 방법이 없을까?

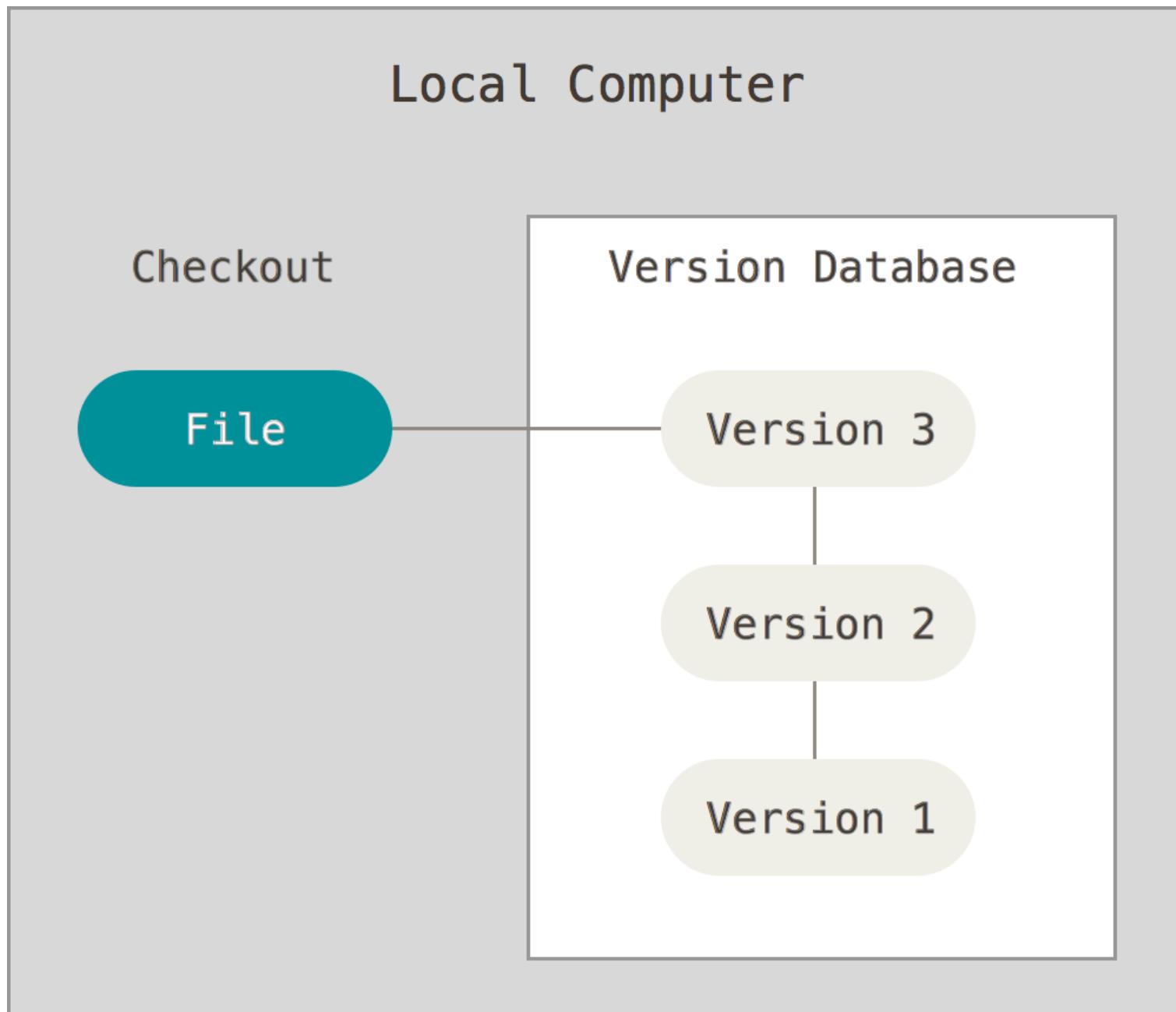


버전관리시스템

로컬

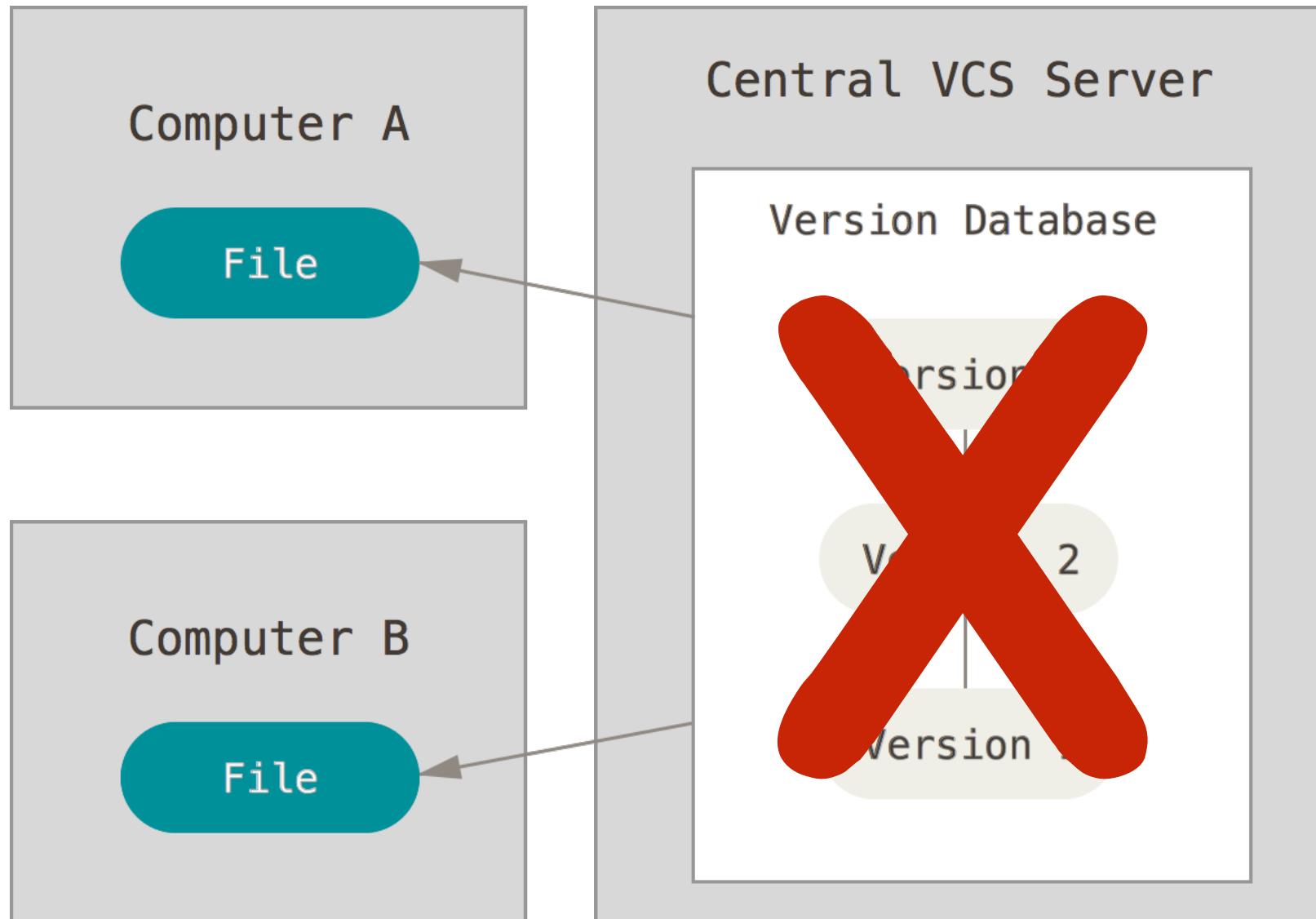
중앙집중형

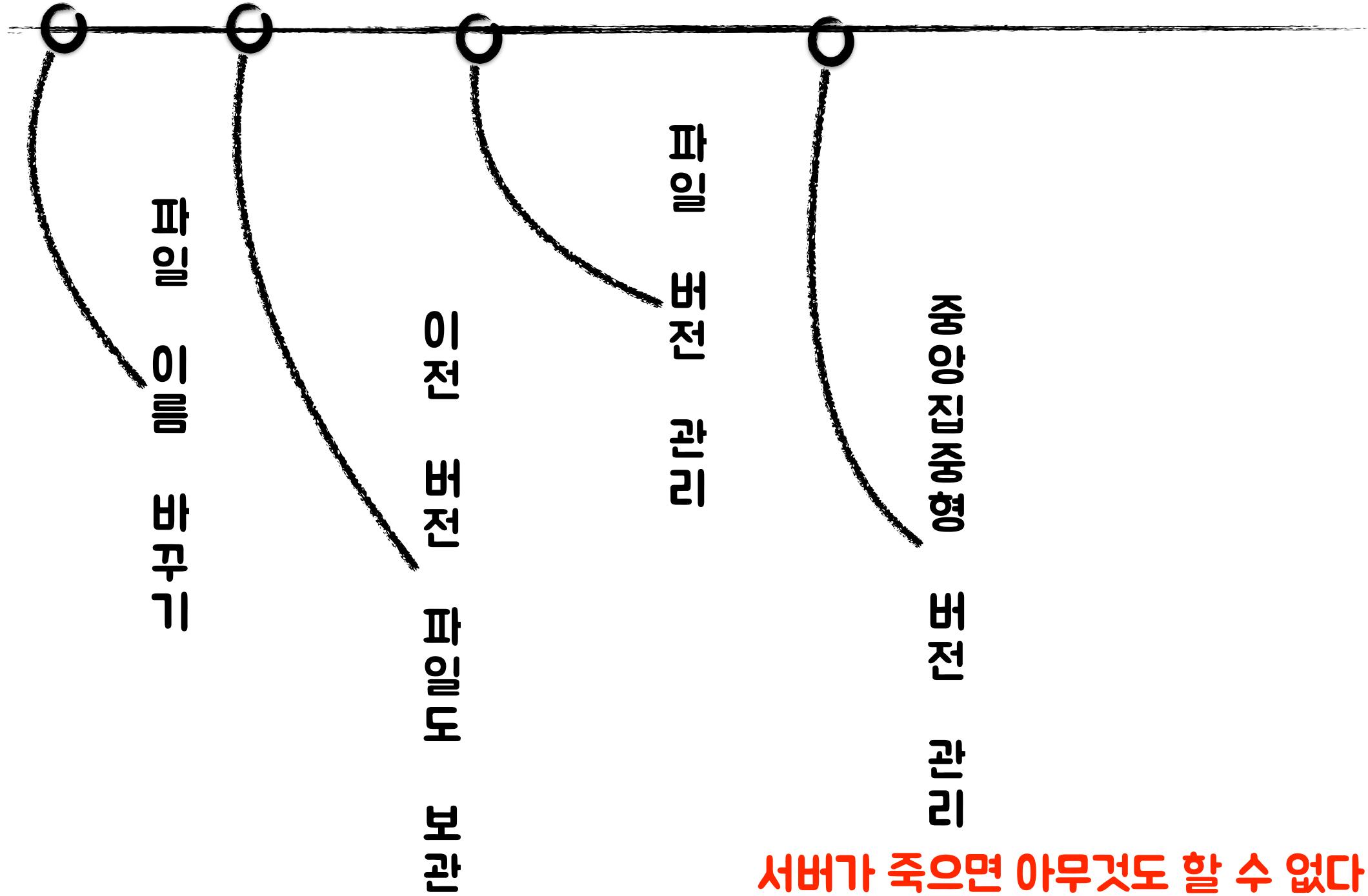
분산형*



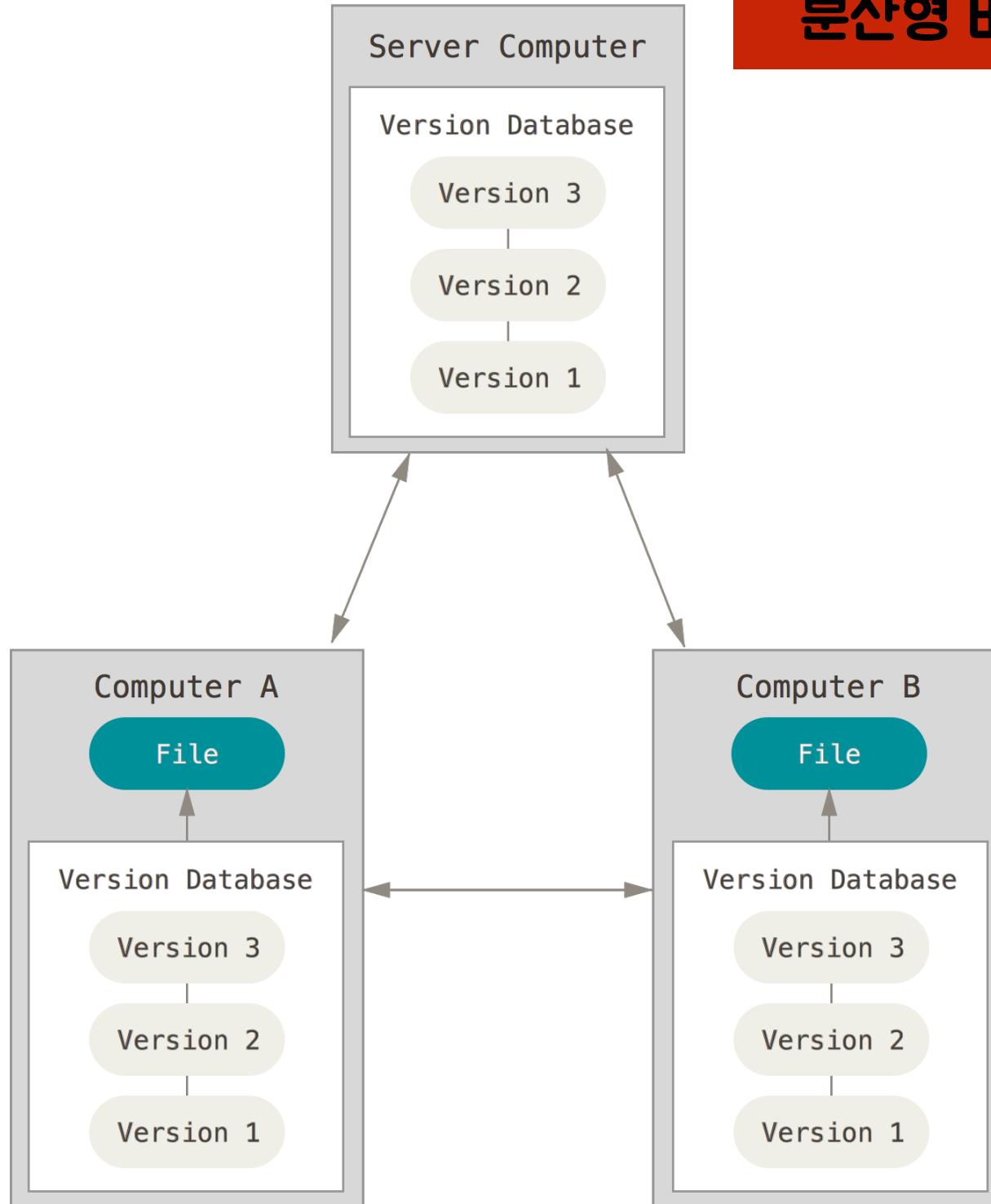
중앙집중형 버전관리시스템







분산형 버전관리시스템

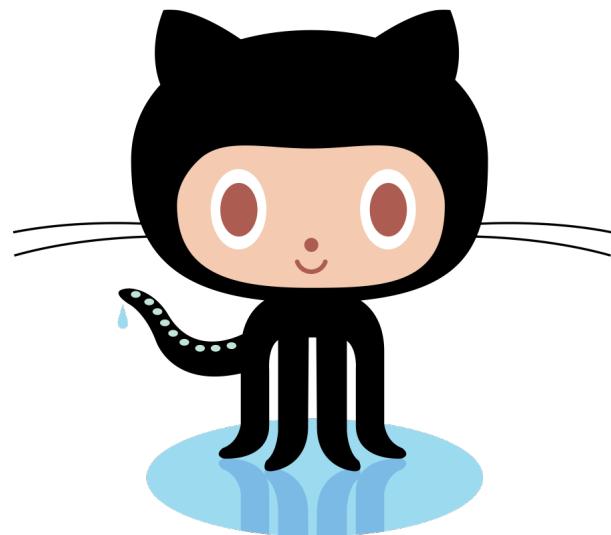




<http://git-scm.com/>



<http://mercurial.selenic.com/>



<https://github.com/>



<https://bitbucket.org/>

torvalds (Linus Torvalds)

GitHub, Inc. [US] https://github.com/torvalds

Explore Gist Blog Help

daclouds + □ ⚙️

Contributions Repositories Public activity Unfollow

Popular repositories

linux Linux kernel source tree	16,677 ★
subsurface Advanced multi-platform divedog based on Qt	630 ★

Public contributions

Summary of Pull Requests, issues opened, and commits. [Learn more.](#)

Less More

Year of contributions 2,163 total Oct 25, 2013 – Oct 25, 2014	Longest streak 43 days March 28 – May 9	Current streak 2 days October 23 – October 24
--	--	--

Organizations

Contribution activity

Period: **1 week** ▾

-o- 36 commits

Pushed 34 commits to **torvalds/linux** Oct 19 – Oct 24

Pushed 2 commits to **torvalds/subsurface** Oct 20 – Oct 21

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Linux, Git

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Git 의 목표

빠른 속도

단순한 구조

비선형적 개발 (수천 개의 동시 다발적인 브랜치)

완벽한 분산

리눅스 커널 같은 대형 프로젝트에서도 속도나 데이터 크기 면에서 유용 할 것

A Boeing 737 aircraft is shown from a low angle, flying against a clear blue sky. The aircraft is white with blue accents and features the Boeing logo and "airberlin.com" branding.

You can **commit**
whether the network is down

 Wireless & networks 

Airplane mode

Default SMS app

Messaging

NFC

Allow data exchange when the phone
touches another device

Android Beam

Unavailable because NFC is turned off

Tethering & portable hotspot

VPN

Mobile networks

Cell broadcasts



Git 의 무결성

Git 은 SHA-1 Hash 를 사용하여 체크섬을 만듭니다.

만든 체크섬은 40자 길이의 16진수 문자열입니다.

SHA-1 은 아래처럼 생겼어요.

24b9da6552252987aa493b52f8696cd6d3b0

파일 이름 바꾸기

이전 버전 파일도 보관

파일 버전 관리

KO 앙립 중형 버전 관리

분산형 버전 관리

Linux 명령어 배우기

› `mkdir numbers`

`numbers`라는 이름의 디렉토리를 만들 때

› `mkdir -p numbers/txt`

`numbers` 디렉토리가 없는 상황에서

`numbers` 와 `numbers` 밑에 `txt` 디렉토리를 한꺼번에 만들 때

1. git show 53f0904 (git)

git (git)

git (git)

git (git)

git (git)

commit 53f0904b37ce4d6328bfa0a805a3aefe23d2940c

Author: daclouds <daclouds@gmail.com>

Date: Wed Oct 29 21:28:36 2014 +0900

1 to 10

diff --git a/numbers.txt b/numbers.txt

new file mode 100644

index 000000..370eb5d

--- /dev/null

+++ b/numbers.txt

@@ -0,0 +1,10 @@

+하나

+둘

+셋

+넷

+다섯

+여섯

+일곱

+여덟

+아홉

+열

(END) █

1. git diff 53f0904 3459f14 (git)

git (git)

git (git)

git (git)

git (git)

```
diff --git a/numbers.txt b/numbers.txt
index 370eb5d..6136684 100644
--- a/numbers.txt
+++ b/numbers.txt
@@ -1,5 +1,5 @@
    하나
-둘
+2
    셋
    넷
    다섯
(END) █
```

1. git diff 3459f14 d3672b0 (git)

git (git)

git (git)

git (git)

git (git)

diff --git a/numbers.txt b/numbers.txt

index 6136684..1104fe6 100644

--- a/numbers.txt

+++ b/numbers.txt

@@ -4,7 +4,7 @@

넷

다섯

여섯

-일곱

+7

여덟

아홉

열

(END) █

1. git lg1 (git)

git (git)

git (git)

git (git)

git (git)

```
* d3672b0 - (67 seconds ago) replace 일곱 to 7 - daclouds (HEAD, master)
* 3459f14 - (2 minutes ago) replace 둘 to 2 - daclouds
* 53f0904 - (3 minutes ago) 1 to 10 - daclouds
```

(END)

hunk

- 변경 단위

앞의 상황은 서로 다른 hunk 가 변경되었기 때문에 아무런 문제
가 발생하지 않습니다.

동일한 위치에서 수정

@@ -4,7 +4,7 @@

넷

다섯

여섯

-일곱

+lucky

@@ -4,7 +4,7 @@

넷

다섯

여섯

-일곱

+7

충돌 발생!

```
$ git merge lucky
Auto-merging numbers.txt
CONFLICT (content): Merge conflict in numbers.txt
Automatic merge failed; fix conflicts and then commit
the result.
```

1. numbers.txt (~/Documents/computer/diff) - VIM (Vim)

```
1  하나
2  2
3  셋
4  넷
5  다섯
6  여섯
7  <<<<<< HEAD
8  7
9  =====
10  lucky
11  >>>>> lucky
12  여덟
13  아홉
14  열
~
```

NORMAL  numbers.txt   7%  1: 1

vim 배우기

편집 모드

i (입력), a (추가)

입력 모드를 빠져나올 때

ESC

vim 배우기

명령어 모드

:

빠져 나오기

ESC

저장하기

:w

vim 종료

:q

저장하고 나오기

:wq

저장하지 않고 나오기

:q!

Commit 합치기/순서 바꾸기

```
pick d3672b0 replace 일곱 to 7
pick 6b2481b replace 둘 to 2
pick fa39187 1 to 10
```

```
pick d3672b0 replace 일곱 to 7
squash 6b2481b replace 둘 to 2
pick fa39187 1 to 10
```

```
# Rebase bdd3996..7b36971 onto bdd3996
#
# Commands:
# p, pick = use commit
# r, reword = use commit, but edit the commit message
# e, edit = use commit, but stop for amending
# s, squash = use commit, but meld into previous commit
# f, fixup = like 'squash', but discard this commit's log message
# x, exec = run command (the rest of the line) using shell
#
# If you remove a line here THAT COMMIT WILL BE LOST.
# However, if you remove everything, the rebase will be aborted.
#
~
```

Commit Messages 수정

```
# This is a combination of two commits.  
# The first commit's message is:
```

replace 둘 to 2

```
# This is the 2nd commit message:
```

replace 일곱 to 7

```
# Please enter the commit message for your changes. Lines starting  
# with '#' will be ignored, and an empty message aborts the commit.  
# Not currently on any branch.  
# Changes to be committed:  
#   (use "git reset HEAD <file>..." to unstage)  
#  
# modified: numbers.txt  
#
```

<https://help.github.com/articles/using-git-rebase/>

왜 그래야 하는데!?

왜냐하면 우리의 목적은..

파일의 변화를

의미있는 단위로 묶어서

그들의 선후 관계를

기록하는 것

```
1. git log (git)
commit a352f910581a87848f48cce73b58dba9bf56a402
Author: daclouds <daclouds@gmail.com>
Date:   Sun Oct 19 15:32:49 2014 +0900

    밥 먹고 와서 다시 할께요

commit 91f4a2d1d261a0f860d65dc7269f151aa5ae2fa1
Author: daclouds <daclouds@gmail.com>
Date:   Sun Oct 19 15:32:23 2014 +0900

    잘 안되네 ..

commit 823b0ae6d159c6a569c7ef2f07a0df95bcd6c885
Author: daclouds <daclouds@gmail.com>
Date:   Sun Oct 19 15:31:55 2014 +0900

    오늘은 여기까지

commit d11101eeb2b84501b779eccb490fa3c39eb69c91
Author: daclouds <daclouds@gmail.com>
Date:   Sun Oct 19 13:11:41 2014 +0900

    asdf
~
~
(END)
```

기억을 하기 위해선...

기록을 해야합니다. 무엇이 필요할까요?

작성된 시간

작성자

혼자서 작성할 때는 필요없지만 여럿이 작성한다면 필요합니다.

제목

내용이 길 경우엔 내용을 함축할 수 있는 짧막한 요약이 도움이 됩니다.

내용

Commit Guidelines

영문 50글자 이하의 간략한 수정 요약

자세한 설명. 영문 72글자 이상이 되면 줄 바꿈을 하고 이어지는 내용을
작성한다. 특정 상황에서는 첫 번째 줄이 이메일 메시지의 제목이 되고
나머지는 메일 내용이 된다. 간략하게 요약하고 넣는 빈 줄은 자세한
설명을 아예 쓰지 않는 한 매우 중요하다.

이어지는 내용도 한 줄 띄우고 쓴다.

- 목록 표시도 사용할 수 있다.
- 보통 '-' 나 '*' 표시를 사용해서 목록을 표현하고 표시 앞에 공백
하나, 각 목록 사이에는 빈 줄을 하나를 넣는데 상황에 따라 다르다.

kernel/git/stable/linux-stab x

https://git.kernel.org/cgit/linux/kernel/git/stable/linux-stable.git/commit/?id=fd979860f7e04a9028f803b1a79099e05a60f579

message 작성

index : kernel/git/stable/linux-stable.git (git commit)

Linux kernel stable tree

Greg K

summary refs log tree commit diff stats log msg search

author: Frederic Weisbecker <fweisbec@gmail.com> 2014-08-16 16:48:05 (GMT)
committer: Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2014-10-15 10:29:25 (GMT)
commit: fd979860f7e04a9028f803b1a79099e05a60f579 (patch)
tree: c14ca929ac35eb65114a19bb7f70170918d568c
parent: 1063368632f52a61ceb20565501606a090335878 (diff)

diff options:
context: 3
space: include
mode: unified

arm64: Tell irq work about self IPI support

commit 3631073659d0aafeaaa52227bb61a100efaf901dc upstream.

ARM64 irq work self-IPI support depends on __smp_cross_call to point to some relevant IRQ controller operations. This information should be available after the call to init_IRQ().

Lets implement arch_irq_work_has_interrupt() accordingly.

Acked-by: Peter Zijlstra (Intel) <peterz@infradead.org>
Acked-by: Catalin Marinas <catalin.marinas@arm.com>
Cc: Ingo Molnar <mingo@kernel.org>
Cc: Paul E. McKenney <paulmck@linux.vnet.ibm.com>
Cc: Peter Zijlstra <peterz@infradead.org>
Cc: Thomas Gleixner <tglx@linutronix.de>
Cc: Will Deacon <will.deacon@arm.com>
Signed-off-by: Frederic Weisbecker <fweisbec@gmail.com>
Signed-off-by: Greg Kroah-Hartman <gregkh@linuxfoundation.org>

의미있는 단위의 구조로 문제의 원인을 파악하는데 도움이 됩니다. (git blame)

 builder/parser: fix handling of emp... erikh authored on 30 Aug	88 89 90	if SEXP.Value != "" SEXP.Next != nil SEXP.Children != nil node.Next = SEXP
 builder: parser and beginnings of t... erikh authored on 6 Aug	91	
 builder: some small fixups + fix a b... erikh authored on 24 Oct	92 93 94	node.Attributes = attrs node.Original = line
 builder: parser and beginnings of t... erikh authored on 6 Aug	95 96 97	return "", node, nil
	98 99	// The main parse routine. Handles an io.ReadWriteCloser and returns the root // of the AST.
	100	func Parse(rwc io.Reader) (*Node, error) {
 builder: Remove blankNode(), use ... erikh authored on 10 Aug	101	root := &Node{}
 builder: parser and beginnings of t... erikh authored on 6 Aug	102 103 104	scanner := bufio.NewScanner(rwc) for scanner.Scan() {
 builder: comments should also be ... erikh authored on 15 Oct	105 106	scannedLine := strings.TrimSpace(scanner.Text(), unicode.ILLEGAL_RUNE) line, child, err := parseLine(scannedLine)
 builder: parser and beginnings of t... erikh authored on 6 Aug	107 108 109 110 111	if err != nil { return nil, err } if line != "" && child == nil {
 builder: several fixups from comm... erikh authored on 19 Aug	112	for scanner.Scan() {
 Fix builder/parser so it keeps som... duglin authored on 3 Oct	113	newline := scanner.Text()
 builder: parser and beginnings of t... erikh authored on 6 Aug	114	
 builder: comments should also be ... erikh authored on 15 Oct	115	if stripComments(strings.TrimSpace(newline))

<https://github.com/docker/docker/commit/135f54ccfb6f638b4ab0be67a215adbad246>

- Console 에서만 되나요?
- Linux 나 Mac 이 있어야 하나요?

You name it
We have it

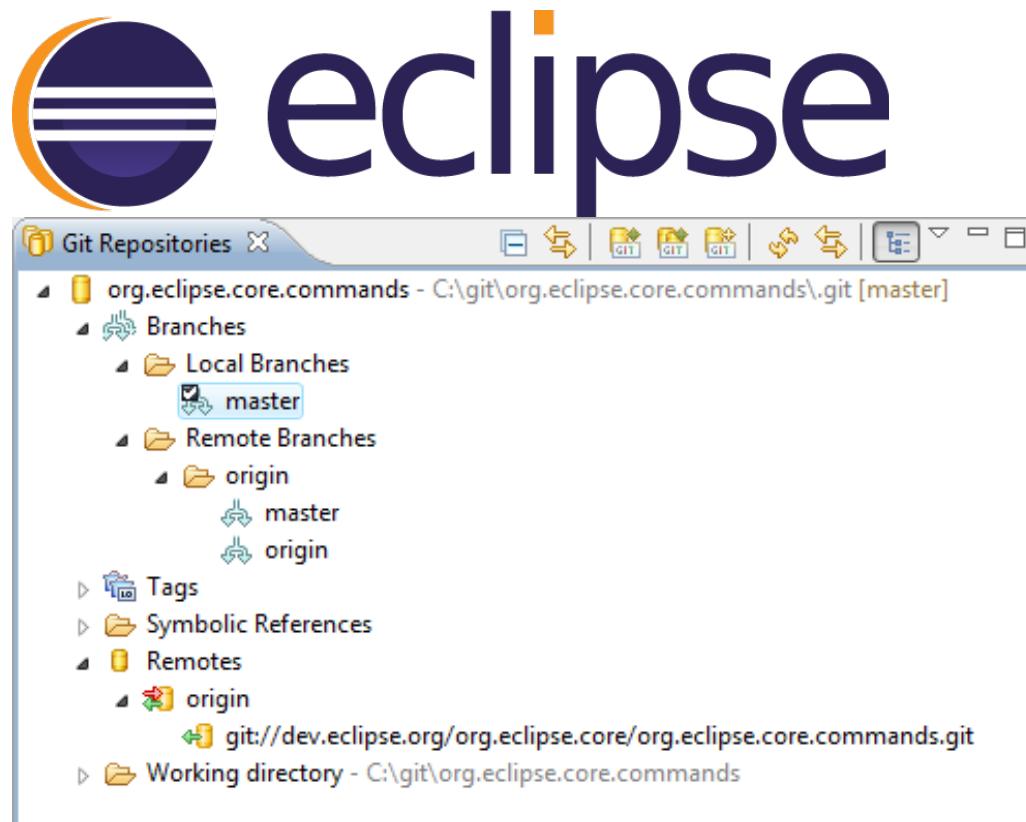
지금부터..

**몇 가지 git 명령어를
몇 가지 도구들을 사용하여 실습하는 것을 보여 줄 꺼에요**

물론 이후에 이어지는 실습도 같은 방식으로 할 수 있습니다.

하지만 이후 실습은 CLI 로만 보여 줄 꺼에요;

아닙니다!

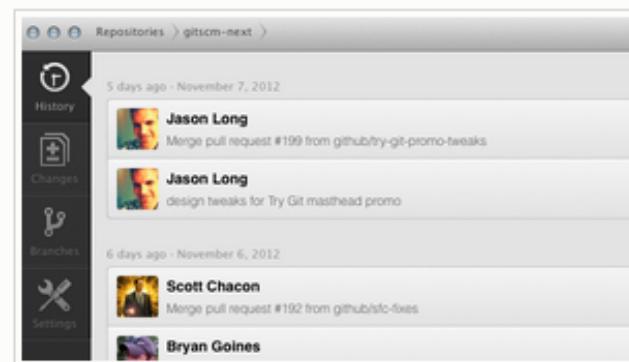


<http://www.eclipse.org/egit/>

The screenshot shows the Visual Studio interface with the Git extension open. The top part shows a code editor with some C# code. Below it is a 'Branches' view for the 'MyGitProject' repository, showing the 'master' branch as the current one. A merge dialog is open, showing 'development' as the source branch and 'master' as the target branch. The bottom part shows a list of branches: 'development' (published, 2 minutes ago) and 'master' (unpublished, less than a minute ago).

<https://visualstudiogallery.msdn.microsoft.com/abafc7d6-dcaa-40f4-8a5e-d6724bdb980c>

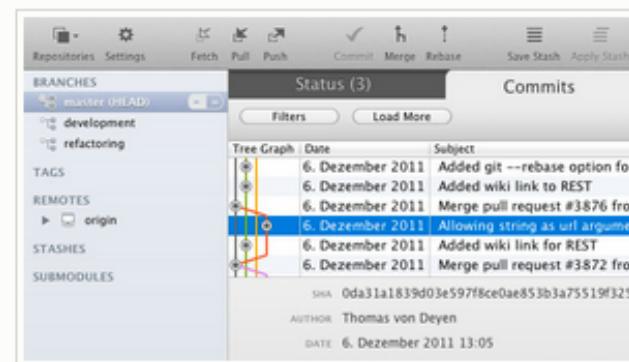
<http://git-scm.com/downloads/guis>



GitHub for Mac

Platforms: Mac

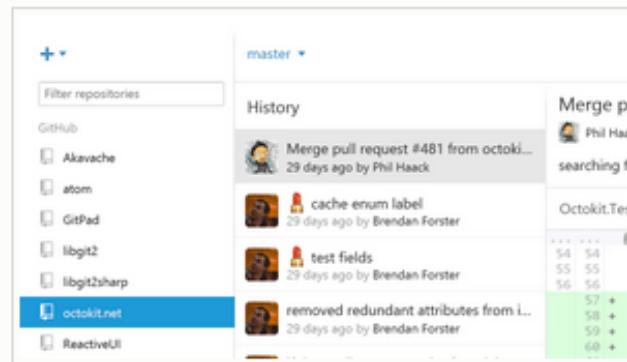
Price: Free



Tower

Platforms: Mac

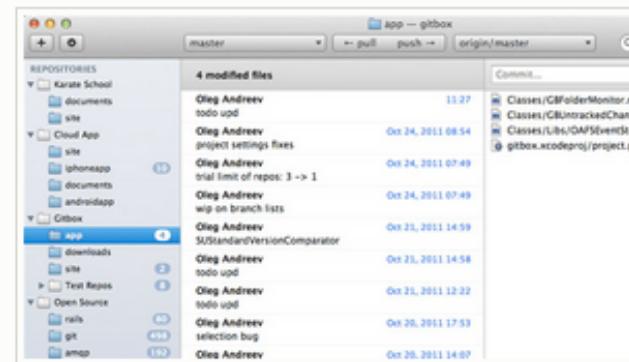
Price: \$59/user (Free 30 day trial)



GitHub for Windows

Platforms: Windows

Price: Free



Gitbox

Platforms: Mac

Price: \$14.99

Free Mercurial and Git Client

www.sourcetreeapp.com

Atlassian SourceTree

A free Git & Mercurial client for Windows or Mac.

Download SourceTree Free
Mac OS X 10.7+

Download SourceTree for Windows 7+

CONNECTS WITH OTHER GIT & HG SERVICES

Atlassian Bitbucket Atlassian Stash GitHub Kiln

호스트 알아내는 중...

magit-commit

File Edit Options Buffers Tools Magit Help

Commits in HEAD

Commit Hash	Author	Message	Committer	Date
dalf495	origin/master	master Added another bug-fix for generating ergo...	Matthew L. Fidl-	3 hours
3efca30	*	Bug fix for generating images...	Matthew L. Fidl-	6 hours
7b84093	*	Add bug fix for keyboard image generation. Also add a bug fix to...	Matthew L. Fidl-	6 hours
748d399	*	Fix ergoemacs Control-c. Now always extracts a map and then is...	Matthew L. Fidl-	15 hours
5ac1c9f	*	autohotkey fixes. Currently doesn't support <apps> key.	Matthew L. Fidl-	17 hours
645f02b	*	Misc fixes for running under puppy linux	Matthew L. Fidl-	31 hours
510e4a3	*	Added Menu to keyboard map. Added more menu commands.	Matthew L. Fidl-	26 hours
645b5da	*	Merge branch 'master' of https://code.google.com/p/ergoemacs	Xah Lee	2 days
5d87277		* Fixed Issue #133 -- Forgot a nil...	unknown	4 days
3b6ea39		* Misplaced paren	Matthew L. Fidl-	4 days
a3e9df8		* Merge branch 'master' of https://code.google.com/p/ergoemacs	Matthew L. Fidl-	5 days
d926195		* Fix Issue #134	Matthew L. Fidl-	5 days
a32ab9a	*	xah-html-mode.el xah-elisp-mode.el regular update, misc fix to...	Xah Lee	2 days
be8df2f	*	ErgoEmacs init_settings.el prevent cursor going into prompt.	Xah Lee	2 days

U: %*- *magit-log* Top L18 [i.f.n:6] (Magit Log ⊞ Undo-Tree ErgoEmacs[dv] Abbrev)

```

Modified ergoemacs/ergoemacs-keybindings/ergoemacs-extras.el
diff --git a/ergoemacs/ergoemacs-keybindings/ergoemacs-extras.el b/ergoemacs/ergoemacs-keybindings/
index 486f62b..9c891d2 100644
--- a/ergoemacs/ergoemacs-keybindings/ergoemacs-extras.el
+++ b/ergoemacs/ergoemacs-keybindings/ergoemacs-extras.el
@@ -2213,7 +2213,7 @@ EXTRA represents an extra file representation."
(if (string= "<apps> SPC" x)
  (progn
    (when (search-forward "&lt;apps&gt; SPC" nil t)
-     (replace-mapch txt t t)))
+     (replace-match txt t t)))
  (when (search-forward (format ">%s<" x) nil t)
    (replace-match (format ">%s<" txt) t t)))
  ('("M-S-SPC" "M-SPC" "C-S-SPC" "C-SPC" "<apps> SPC"))
Modified ergoemacs/ergoemacs-keybindings/ergoemacs-variants.el
diff --git a/ergoemacs/ergoemacs-keybindings/ergoemacs-variants.el b/ergoemacs/ergoemacs-keybindin/
index d7695a6..bc7e36f 100644
--- a/ergoemacs/ergoemacs-keybindings/ergoemacs-variants.el
+++ b/ergoemacs/ergoemacs-keybindings/ergoemacs-variants.el

```

bda1d78624253b48ec148c51f704f7a3a633d61f - (fugitive:///Users/greg/code/objc/books/.git) - VIM2

AuthorsWindow... - bda1d78624253b48ec148c51f704f7a3a633d61f [R0] [gitk]

```

* Merge branch 'filter' into improve-smart-lists                                3 months ago Greg Sexton [8a2dfe8]
  * Fixed out of bounds bugs that could occur in Coverflow.                  3 months ago Greg Sexton [8ba206e]
  * Fixed bug when searching with a filter applied.                            3 months ago Greg Sexton [eee3326]
  * Removed the 'inc. shopping list' tickbox for filter predicates only.    3 months ago Greg Sexton [b3c7364]
  * Fixed view resize bug when no filter was applied.                          3 months ago Greg Sexton [bdf1483]
  * Created a filter notification view that allows removing the filter.     3 months ago Greg Sexton [7958e9e]
  * Created a 'remove filter' menu item.                                       3 months ago Greg Sexton [f9e7ba1]
  * Implemented major filter logic.                                           3 months ago Greg Sexton [22b8e50]
  * Added filter button and menu item; with logo.                           3 months ago Greg Sexton [90325e2]
  *
  * Added a main window button for creating a smart list.                      3 months ago Greg Sexton [caa462c]
  * Added row template filtering based on a dynamic date range.                3 months ago Greg Sexton [634d279]
  * Fixed the accuracy of date template row.                                    4 months ago Greg Sexton [3fb4d91]
  * Updated version number.                                                 4 months ago Greg Sexton [8bbc243]
  * Added row template to allow selecting from a booklist.                   4 months ago Greg Sexton [e49a13c]
  * Can now select to include Shopping List books in predicate.             4 months ago Greg Sexton [0f2d4dd]
  *
  * Removed ownership tab.                                              5 months ago Greg Sexton [f00a70e]
  * Drag and drop a new image is now possible.                            5 months ago Greg Sexton [459b0bb]
  * Merge branch 'grid-view-sort' into v0.3                               5 months ago Greg Sexton [cdaeb35]
  *
  * Sort popup selection updated if sort changed elsewhere.                 5 months ago Greg Sexton [bda1d78]
  * Sort order reversed if current option re-selected.                     5 months ago Greg Sexton [67775dc]
  * Clicking an option now sorts the library.                             5 months ago Greg Sexton [e8fadbd]
  * Added a border to the sort by view.                                     5 months ago Greg Sexton [6003b04]
  * Implemented the UI for sorting whilst in grid view.                  5 months ago Greg Sexton [94e24bc]
  *
  * (r:github/master, master) Merge branch 'v0.2'                         5 months ago Greg Sexton [db3ce4a]
  *
  * (t:v0.2.1, r:github/v0.2, v0.2) Updated README and changed version number. 5 months ago Greg Sexton [d1f185a]
  * Fixed issue with cancelling adding a new book.                         5 months ago Greg Sexton [b5cc83b]
  * Database is now periodically saved every 5 minutes.                  5 months ago Greg Sexton [031488d]

```

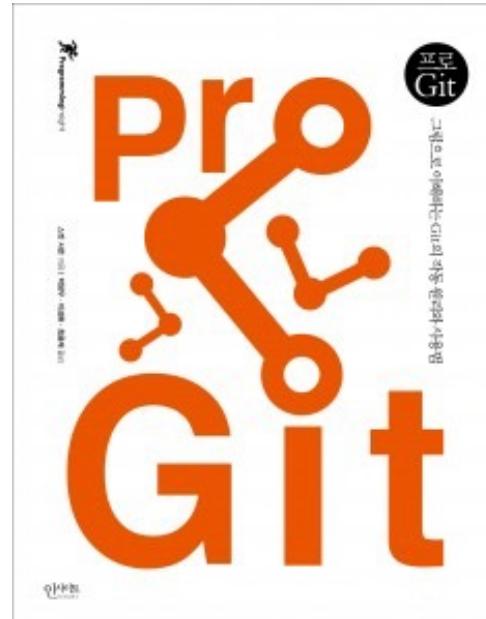
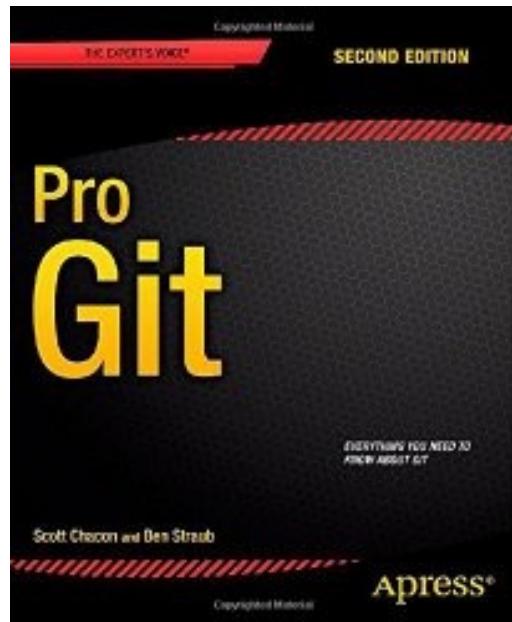
gitk[R0] [gitk][unix] [69/83:1:83%] [buf:14|win:1] Apr,16 11 10:36:57

```

1 tree 692f48d5d64d74bffb86a7e6a88336465025959f
2 parent 67775dc694e8b5d9f07017bffa28c45c36fa2c17
3 author Greg Sexton <gregsexton@gmail.com> Tue Nov 30 21:44:52 2010 +0000
4 committer Greg Sexton <gregsexton@gmail.com> Tue Nov 30 21:44:52 2010 +0000
5
6 Sort popup selection updated if sort changed elsewhere.
7
8 If the sort is changed by using a table view
9 column header, for example, the popup selection is
10 changed to reflect this.
11
12 diff --git a/BooksImageBrowserController.h b/BooksImageBrowserController.h..... 21 lines [4.4%] +.....
13 diff --git a/BooksImageBrowserController.m b/BooksImageBrowserController.m..... 67 lines [14.1%] +.....
14 diff -git a/English.lproj/MainMenu.xib b/English.lproj/MainMenu.xib
15 index 51e4a5b..baf5526 100644
16 --- a/English.lproj/MainMenu.xib
17 +++ b/English.lproj/MainMenu.xib
18 @@ -2189,56 +2189,56 @@
19
20         <reference key="NSCornerView" ref="429878103"/>
21         <bytes key="NSScrollAmts">QSAAEAEgAABmAAAQZgAAA</bytes>
22     </object>
23     <object class="NSCustomView" id="386019716">
24     <object class="NSCustomView" id="965120006">
25         <reference key="NSNextResponder"/>
26         <int key="NSFlags">274</int>
27         <object class="NSMutableArray" key="NSSSubviews">
28             <bool key="EncodedWithXMLCoder">YES</bool>
29             <object class="NSCustomView" id="051298696">
30                 <reference key="NSNextResponder" ref="386019716"/>
31                 <object class="NSCustomView" id="866961282">
32                     <reference key="NSNextResponder" ref="965120006"/>
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```

하지만 CLI 도구를 익히는걸 추천합니다!!



<https://progit.org/>

https://images-na.ssl-images-amazon.com/images/I/51yUrziP2fL._SL250_.jpg
<http://www.insightbook.co.kr/wp-content/uploads/2013/04/표지-235x300.jpg>

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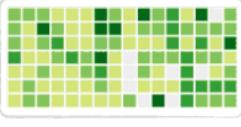


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Git - Videos

git-scm.com/videos

 **git** --everything-is-local

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Videos



Git Basics: What is Version Control?

[What is Version Control?](#)
Length: 05:59



Git Basics: What is Git?

[What is Git?](#)
Length: 08:15



Git Basics: Get Going with Git

[Get Going with Git](#)
Length: 04:26



Git Basics: Quick wins with Git

[Quick Wins with Git](#)
Length: 05:06

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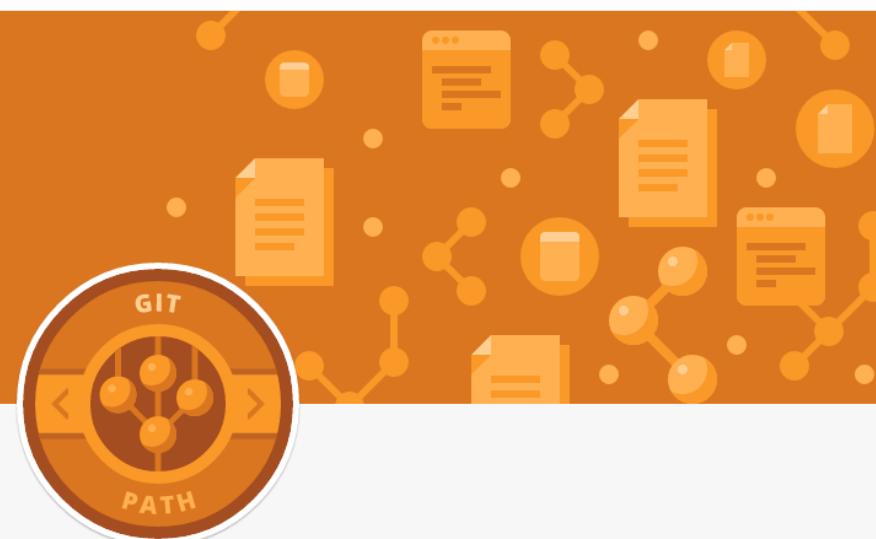
PATH

Git

Build a solid foundation in Git, then pair it with advanced version control skills. Learn how to collaborate on projects effectively with GitHub.

GIT BASICS

ADVANCED GIT



FREE COURSE

Try Git GIT

Be introduced to the basic concepts of Git version control.



COURSE

Git Real GIT

Get a more advanced introduction and guide to Git.



COURSE

Git Real 2 GIT

Learn more advanced Git techniques.



COURSE

Mastering GitHub GIT

Better collaboration through GitHub.

Don't see a **Git** course you're looking for? [Suggest a course now!](#)

Screencasts

In addition to our courses, we provide supplemental learning through screencasts. As you embark on the **Git Path**, the following videos will help you study on.

[VIEW ALL SCREENCASTS](#)



숙제(code)를 공유하는 가장 쉬운 방법!

The screenshot shows a GitHub repository page for 'codeport / scala' at the 'master' branch. The commit history is displayed, showing the following entries:

Author	Commit Message	Date
msshin	added autometeus/movies.json	20 Jun 2012
Exif-Extractor	remove project	3 years ago
TagHoister/daori	move project	3 years ago
autometeus	added autometeus/movies.json	3 years ago
tagHoister/zeider	remove README.md	3 years ago

At the bottom of the page, there are links for GitHub footer: © 2014 GitHub, Inc. Terms Privacy Security Contact, Status API Training Shop Blog About.

The screenshot shows a GitHub repository page for 'codeport / scala'. The 'Network' tab is selected, displaying a timeline of commits from December to August. A specific commit by 'AnArcher' on March 1st is highlighted, showing a message about a 'hellofinale' example. The commit hash is cd06f46.

**선생님은 숙제 (template)를 내주고
학생들은 숙제를 (fork) 받아서
문제를 풀고 제출 (pull request) 한다.**

git 저장소를 hosting 하는 서비스들(github, bitbucket, ...)의 wiki 는..
git 저장소 처럼 동작합니다. (응?)

The screenshot shows a Bitbucket wiki page for the 'ScalaStudy / Home' repository. The main content area features a large red text overlay that reads "history 보기 가능". Below this, there's a section titled "Welcome, Bomscac" and a list of recent changes (history) with their dates:

주제	일자
# .hgrc - .hgrc 설정 도움말입니다.	2010/06/19
# 시즌1. 스칼라스터디 bitbucket, hg 가이드	2010/06/27
# 시즌2-1. hg revert & update	2010/06/23
# 시즌2-2. hg backout	2010/06/23
# 시즌2-3. 실전시나리오(작성중)	2010/07/?

Below the history section, there are other sections like "Sample" (with a bullet point for "분수(Rational) 사칙 연산 (덧셈만 구현)"), "Squeeze! (Scala Quiz)", and "학습자료". Each of these sections also has a table with recent items and their dates.

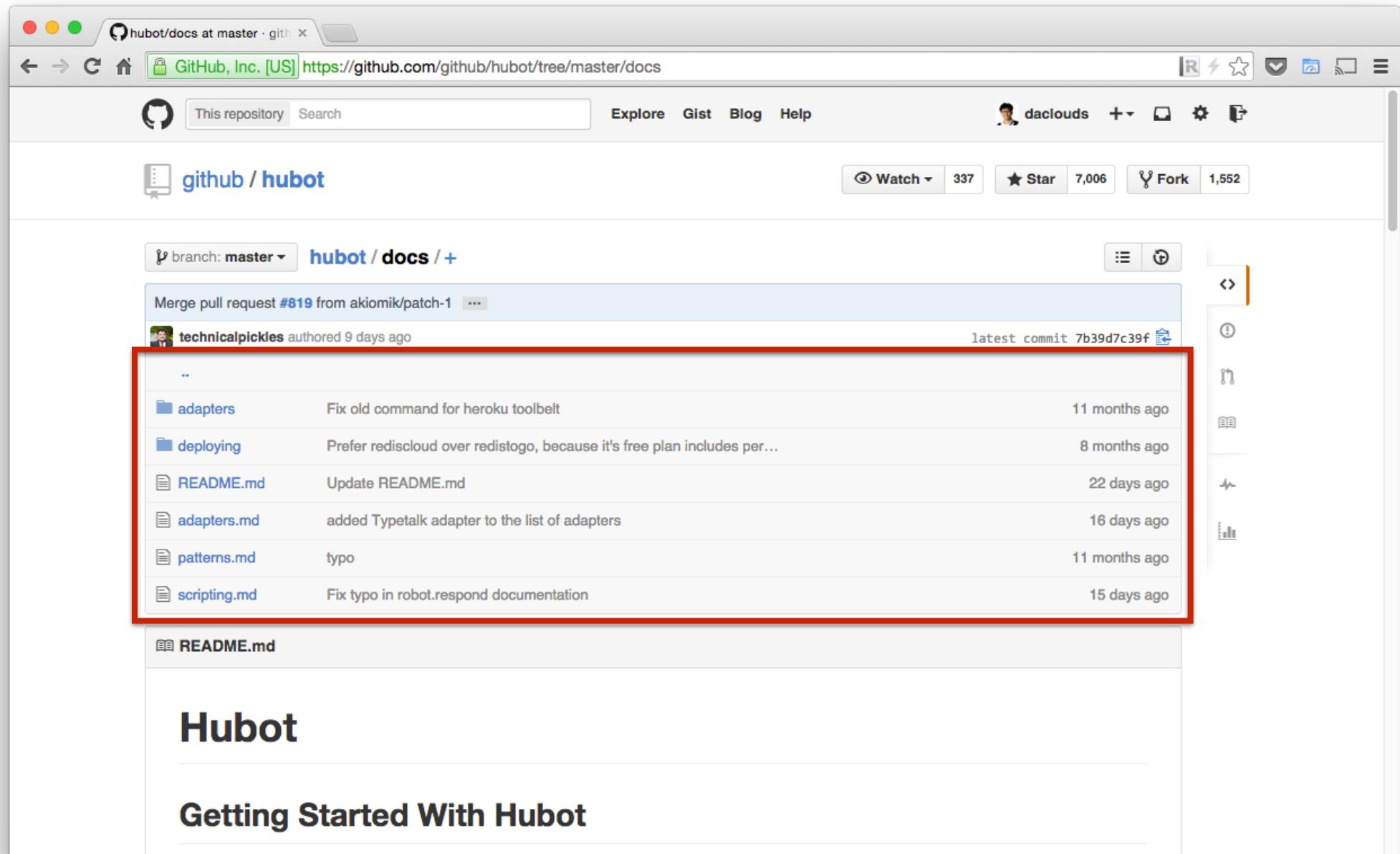
Updated 2013-01-23

author, commit, message 그리고 date 가 있다!

The screenshot shows a Bitbucket wiki history page for the 'ScalaStudy / Home' page. A red box highlights the table header which includes columns for Author, Commit, Message, and Date.

Author	Commit	Message	Date
Daniel DW. Lee	2e00782	미투해제	2010-09-03
Daniel DW. Lee	7059500	미투데이 안내 추가	2010-09-03
Daniel DW. Lee	e3f1a88	학습 자료 목록 갱신	2010-08-30
zeide	da78dd5	test(3)	2010-07-25
zeide	108db8a	test(2)	2010-07-25
Daniel DW. Lee	7fbec12	ch09. case classes 추가	2010-07-22
Daniel DW. Lee	a580a91	Home.wiki 수정	2010-07-16
Daniel DW. Lee	ceb3b6e	Scala 2.8:default and named args 설명 추가(3)	2010-07-16
dugan lee	cca202a		2010-07-01
Daniel DW. Lee	1fc7614	factorial 추가	2010-06-30
Daniel DW. Lee	a40d6c3	factorial 추가	2010-06-30
dugan lee	4344335		2010-06-30
dugan lee	1e4544d		2010-06-30
dugan lee	d03eb9b		2010-06-29
dugan lee	270240c		2010-06-27

문서를 git 저장소로 관리하기도 합니다.



git 설정

맥에서는 터미널, 윈도우에서는 Git Bash 창에서

```
$ git config --global user.name "John Doe"
```

```
$ git config --global user.email johndoe@example.com
```

log alias

```
$ git config --global alias.lg "log --all --oneline --  
decorate --graph"
```

다음 명령으로 확인

```
$ git config --global --list
```

ssh 설정

<http://git-scm.com/book/ko/v1/Git-서버-공개키-만들기>

\$ **ssh-keygen**

Generating public/private rsa key pair.

Enter file in which to save the key (/Users/schacon/.ssh/id_rsa):

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /Users/schacon/.ssh/id_rsa.

Your public key has been saved in /Users/schacon/.ssh/id_rsa.pub.

The key fingerprint is:

43:c5:5b:5f:b1:f1:50:43:ad:20:a6:92:6a:1f:9a:3a

schacon@agadorlaptop.local

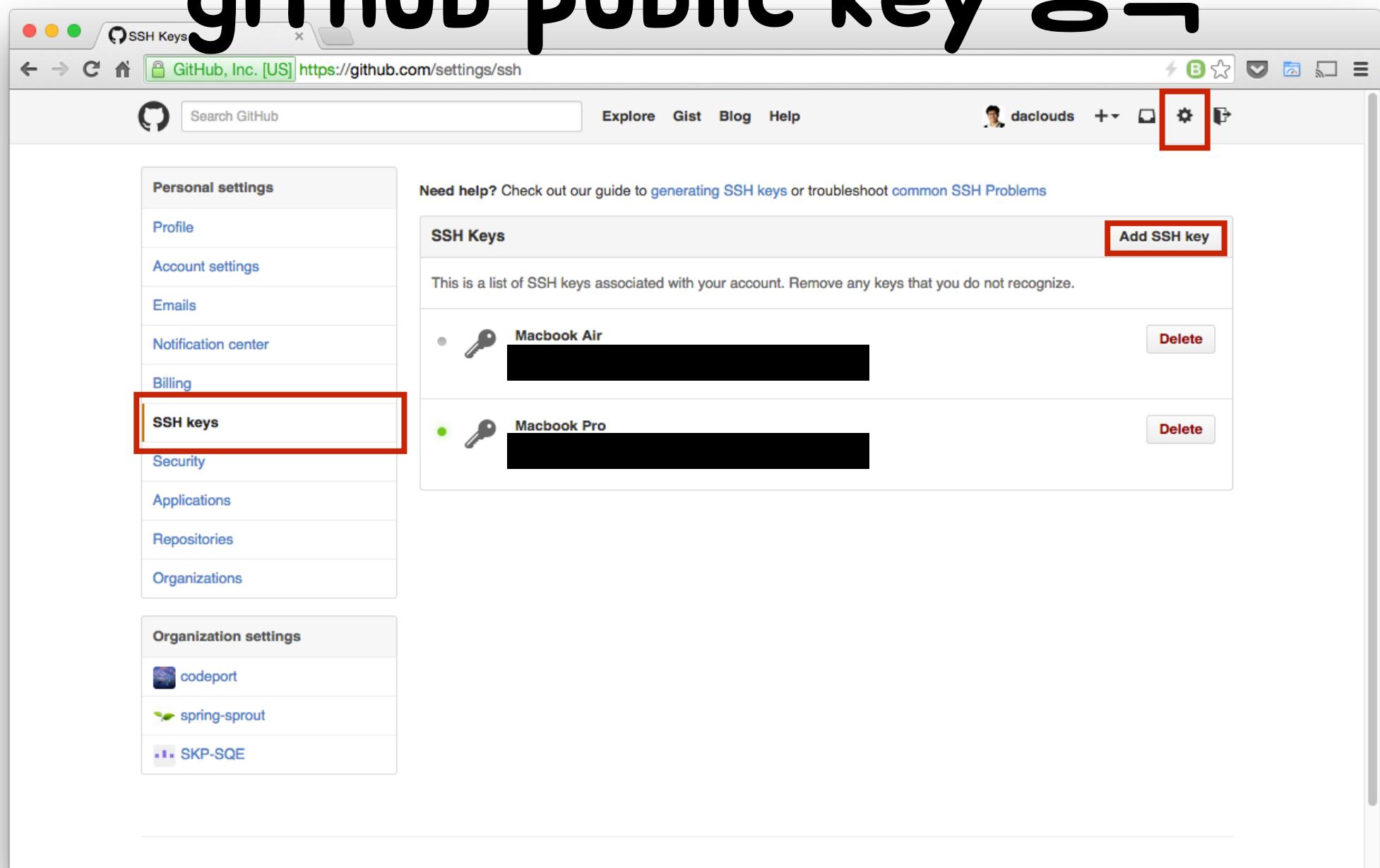
public key 확인

```
$ cat ~/.ssh/id_rsa.pub
```

ssh-rsa

AAAAB3NzaC1yc2EAAAABIwAAAQEAkIOUpkDHrfHY17SbrmTlpNLTGK9Tjom/BWDSUGPI...
NrRFi9wrf+M7Q== schacon@agadorlaptop.local

github public key 등록



A screenshot of a web browser displaying the GitHub SSH Keys settings page. The URL in the address bar is <https://github.com/settings/ssh>. The page shows a sidebar on the left with various personal settings options, and the main content area displays a list of SSH keys associated with the account.

Personal settings

- Profile
- Account settings
- Emails
- Notification center
- Billing
- SSH keys** (highlighted with a red box)
- Security
- Applications
- Repositories
- Organizations

SSH Keys

Need help? Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH Problems](#)

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

Key	Name	Action
Macbook Air	[REDACTED]	Delete
Macbook Pro	[REDACTED]	Delete

Add SSH key

꾸준히 코딩하고
자신의 작업을 뽐내세요~



Build a portfolio

<https://education.github.com/assets/illustration-contribute-6f244f162a35a823a61731656b901fe6.png>

**KGUG(<https://www.facebook.com/groups/kgugs/>)의
Git 교육을 위해 만든 이 교육자료는
크리에이티브 커먼즈 [저작자표시-비영리-동일조건변경허락
4.0]에 따라 이용할 수 있습니다.**

자세한 내용은 <http://creativecommons.org/licenses/by-nc-sa/4.0/deed.ko> 를 참고하세요.

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