<https://git-scm.com/book/ko/v2> --> git 설명책

[gistory 설치]

가. pip install gistory

나. git init한 디렉토리로 이동

나. gistory 실행후 화면시 표시된 http:/0.0.0.0:8805에 웹으로 접속

[git branch]

[root@db1 ~]# mkdir test

[root@db1 ~]# cd test/

[root@db1 test]# git init

Initialized empty Git repository in /root/test/.git/

[root@db1 test]# echo a > f1.txt

[root@db1 test]# git add f1.txt

[root@db1 test]# git commit -m "1"

[master (root-commit) 91ba133] 1

1 file changed, 1 insertion(+)

create mode 100644 f1.txt

[root@db1 test]# echo b >> f1.txt

[root@db1 test]# git commit -a -m "2"

[master e510696] 2

1 file changed, 1 insertion(+)

[root@db1 test]# git branch

\* master

[root@db1 test]# git branch exp

[root@db1 test]# git branch

exp

\* master

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# git branch

\* exp

master

[root@db1 test]# git log

commit e51069633cb15d81910625340db4d78669840c9f

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:41:35 2018 +0000

2

commit 91ba1335bb69c7d850c0f3128f0c5e0287eb8a94

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:40:40 2018 +0000

1

[root@db1 test]# echo c >> f1.txt

[root@db1 test]# git add f1.txt

[root@db1 test]# git commit -m "3"

[exp df2874d] 3

1 file changed, 1 insertion(+)

[root@db1 test]# git log

commit df2874d84280704c5a51b69cd826afff3f8d228f

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:06:01 2018 +0000

3

commit e51069633cb15d81910625340db4d78669840c9f

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:41:35 2018 +0000

2

commit 91ba1335bb69c7d850c0f3128f0c5e0287eb8a94

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:40:40 2018 +0000

1

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# git log

commit e51069633cb15d81910625340db4d78669840c9f

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:41:35 2018 +0000

2

commit 91ba1335bb69c7d850c0f3128f0c5e0287eb8a94

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:40:40 2018 +0000

1

[root@db1 test]# cat f1.txt

a

b

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# cat f1.txt

a

b

c

[root@db1 test]# echo a> f2.txt

[root@db1 test]# git add f2.txt

[root@db1 test]# git commit -m "4"

[exp b04925e] 4

1 file changed, 1 insertion(+)

create mode 100644 f2.txt

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# ls

f1.txt

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# ls

f1.txt f2.txt

[root@db1 test]# git log --branches --decorate

commit b04925ebe7c220c293cb881b30c0c8e254071564 (HEAD, exp)

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:12:55 2018 +0000

4

commit df2874d84280704c5a51b69cd826afff3f8d228f

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:06:01 2018 +0000

3

commit e51069633cb15d81910625340db4d78669840c9f (master)

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:41:35 2018 +0000

2

commit 91ba1335bb69c7d850c0f3128f0c5e0287eb8a94

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:40:40 2018 +0000

1

[root@db1 test]# git log --branches --decorate --graph

\* commit b04925ebe7c220c293cb881b30c0c8e254071564 (HEAD, exp)

| Author: choga88 <choga88@sk.com>

| Date: Tue Feb 13 08:12:55 2018 +0000

|

| 4

|

\* commit df2874d84280704c5a51b69cd826afff3f8d228f

| Author: choga88 <choga88@sk.com>

| Date: Tue Feb 13 08:06:01 2018 +0000

|

| 3

|

\* commit e51069633cb15d81910625340db4d78669840c9f (master)

| Author: choga88 <choga88@sk.com>

| Date: Tue Feb 13 07:41:35 2018 +0000

|

| 2

|

\* commit 91ba1335bb69c7d850c0f3128f0c5e0287eb8a94

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:40:40 2018 +0000

1

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# echo a > f3.txt

[root@db1 test]# git add f3.txt

[root@db1 test]# git commit -m "5"

[master 8df859b] 5

1 file changed, 1 insertion(+)

create mode 100644 f3.txt

[root@db1 test]# git log

commit 8df859bd9012e6c518d3ae292b1b25d9965c6df6

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:27:43 2018 +0000

5

commit e51069633cb15d81910625340db4d78669840c9f

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:41:35 2018 +0000

2

commit 91ba1335bb69c7d850c0f3128f0c5e0287eb8a94

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:40:40 2018 +0000

1

[root@db1 test]# git log --branches --decorate --graph

\* commit 8df859bd9012e6c518d3ae292b1b25d9965c6df6 (HEAD, master)

| Author: choga88 <choga88@sk.com>

| Date: Tue Feb 13 08:27:43 2018 +0000

|

| 5

|

| \* commit b04925ebe7c220c293cb881b30c0c8e254071564 (exp)

| | Author: choga88 <choga88@sk.com>

| | Date: Tue Feb 13 08:12:55 2018 +0000

| |

| | 4

| |

| \* commit df2874d84280704c5a51b69cd826afff3f8d228f

|/ Author: choga88 <choga88@sk.com>

| Date: Tue Feb 13 08:06:01 2018 +0000

|

| 3

|

\* commit e51069633cb15d81910625340db4d78669840c9f

| Author: choga88 <choga88@sk.com>

| Date: Tue Feb 13 07:41:35 2018 +0000

|

| 2

|

\* commit 91ba1335bb69c7d850c0f3128f0c5e0287eb8a94

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 07:40:40 2018 +0000

1

[root@db1 test]# git log --branches --decorate --graph --oneline

\* 8df859b (master) 5

| \* b04925e (HEAD, exp) 4

| \* df2874d 3

|/

\* e510696 2

\* 91ba133 1

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# git log master..exp

commit b04925ebe7c220c293cb881b30c0c8e254071564

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:12:55 2018 +0000

4

commit df2874d84280704c5a51b69cd826afff3f8d228f

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:06:01 2018 +0000

3

[root@db1 test]# git log exp..master

commit 8df859bd9012e6c518d3ae292b1b25d9965c6df6

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:27:43 2018 +0000

5

[root@db1 test]# git log -p exp..master

commit 8df859bd9012e6c518d3ae292b1b25d9965c6df6

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:27:43 2018 +0000

5

diff --git a/f3.txt b/f3.txt

new file mode 100644

index 0000000..7898192

--- /dev/null

+++ b/f3.txt

@@ -0,0 +1 @@

+a

[root@db1 test]# git diff master..exp

diff --git a/f1.txt b/f1.txt

index 422c2b7..de98044 100644

--- a/f1.txt

+++ b/f1.txt

@@ -1,2 +1,3 @@

a

b

+c

diff --git a/f2.txt b/f2.txt

new file mode 100644

index 0000000..7898192

--- /dev/null

+++ b/f2.txt

@@ -0,0 +1 @@

+a

diff --git a/f3.txt b/f3.txt

deleted file mode 100644

index 7898192..0000000

--- a/f3.txt

+++ /dev/null

@@ -1 +0,0 @@

-a

[root@db1 test]# git branch

exp

\* master

[root@db1 test]# git merge exp

Merge made by the 'recursive' strategy.

f1.txt | 1 +

f2.txt | 1 +

2 files changed, 2 insertions(+)

create mode 100644 f2.txt

[root@db1 test]# git log --branches --decorate --graph --oneline

\* 0e38c30 (HEAD, master) Merge branch 'exp'

|\

| \* b04925e (exp) 4

| \* df2874d 3

\* | 8df859b 5

|/

\* e510696 2

\* 91ba133 1

[root@db1 test]# ls

f1.txt f2.txt f3.txt

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# git merge master

Updating b04925e..0e38c30

Fast-forward

f3.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 f3.txt

[root@db1 test]# git log --branches --decorate --graph --oneline

\* 0e38c30 (HEAD, master, exp) Merge branch 'exp'

|\

| \* b04925e 4

| \* df2874d 3

\* | 8df859b 5

|/

\* e510696 2

\* 91ba133 1

[root@db1 test]# ls

f1.txt f2.txt f3.txt

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# git branch -d exp

Deleted branch exp (was 0e38c30).

[root@db1 test]# git log --branches --decorate --graph --oneline

\* 0e38c30 (HEAD, master) Merge branch 'exp'

|\

| \* b04925e 4

| \* df2874d 3

\* | 8df859b 5

|/

\* e510696 2

\* 91ba133 1

[root@db1 test]# git branch exp

[root@db1 test]# echo a > master.txt

[root@db1 test]# git add master.txt

[root@db1 test]# git commit -m "6"

[master e80988e] 6

1 file changed, 1 insertion(+)

create mode 100644 master.txt

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# echo a > exp.txt

[root@db1 test]# git add exp.txt

[root@db1 test]# git commit -m "7"

[exp 9faf880] 7

1 file changed, 1 insertion(+)

create mode 100644 exp.txt

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# git log --branches --decorate

commit 9faf880c29208e8c1f77f24c4e670c8969fc6d24 (exp)

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 11:50:26 2018 +0000

7

commit e80988ecd55780f5bef5b6547e84154af8f8d47e (HEAD, master)

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 11:49:54 2018 +0000

6

commit 0e38c306611c68475e0589f1c0e956d457a1d296

Merge: 8df859b b04925e

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 11:09:46 2018 +0000

Merge branch 'exp'

commit 8df859bd9012e6c518d3ae292b1b25d9965c6df6

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:27:43 2018 +0000

5

commit b04925ebe7c220c293cb881b30c0c8e254071564

Author: choga88 <choga88@sk.com>

Date: Tue Feb 13 08:12:55 2018 +0000

[root@db1 test]# git merge exp

Merge made by the 'recursive' strategy.

exp.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 exp.txt

[root@db1 test]# git log --branches --decorate --graph

\* commit 10becbcff2f6c6150006f23ede0f6063c1db8834 (HEAD, master)

|\ Merge: e80988e 9faf880

| | Author: choga88 <choga88@sk.com>

| | Date: Thu Feb 15 11:56:55 2018 +0000

| |

| | Merge branch 'exp'

| |

| \* commit 9faf880c29208e8c1f77f24c4e670c8969fc6d24 (exp)

| | Author: choga88 <choga88@sk.com>

| | Date: Thu Feb 15 11:50:26 2018 +0000

| |

| | 7

| |

\* | commit e80988ecd55780f5bef5b6547e84154af8f8d47e

|/ Author: choga88 <choga88@sk.com>

| Date: Thu Feb 15 11:49:54 2018 +0000

|

| 6

|

\* commit 0e38c306611c68475e0589f1c0e956d457a1d296

|\ Merge: 8df859b b04925e

| | Author: choga88 <choga88@sk.com>

| | Date: Thu Feb 15 11:09:46 2018 +0000

| |

| | Merge branch 'exp'

| |

| \* commit b04925ebe7c220c293cb881b30c0c8e254071564

| | Author: choga88 <choga88@sk.com>

[root@db1 test]# ls

exp.txt f1.txt f2.txt f3.txt master.txt

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# echo a > common.txt

[root@db1 test]# git add common.txt

[root@db1 test]# git commit -m "8"

[exp 561d75c] 8

1 file changed, 1 insertion(+)

create mode 100644 common.txt

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# git merge exp

Merge made by the 'recursive' strategy.

common.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 common.txt

[root@db1 test]# ls

common.txt exp.txt f1.txt f2.txt f3.txt master.txt

[root@db1 test]# vi common.txt

[root@db1 test]# git commit -am "9"

[master 3e71d7b] 9

1 file changed, 1 insertion(+)

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# vi common.txt

[root@db1 test]# git commit -am "10"

[exp 85d1dec] 10

1 file changed, 1 insertion(+)

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# git merge exp

Auto-merging common.txt

Merge made by the 'recursive' strategy.

common.txt | 1 +

1 file changed, 1 insertion(+)

[root@db1 test]# cat common.txt

b

a

c

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# cat common.txt

a

c

[root@db1 test]# git merge master

Updating 85d1dec..d38c5be

Fast-forward

common.txt | 1 +

master.txt | 1 +

2 files changed, 2 insertions(+)

create mode 100644 master.txt

[root@db1 test]# cat common.txt

b

a

c

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# vi common.txt

[root@db1 test]# git commit -am "11"

[master 127cefa] 11

1 file changed, 1 insertion(+), 1 deletion(-)

[root@db1 test]# git checkout exp

Switched to branch 'exp'

[root@db1 test]# vi common.txt

[root@db1 test]# git commit -am "12"

[exp f8ec5af] 12

1 file changed, 1 insertion(+), 1 deletion(-)

[root@db1 test]# git checkout master

Switched to branch 'master'

[root@db1 test]# git merge exp

Auto-merging common.txt

**CONFLICT (content): Merge conflict in common.txt**

Automatic merge failed; fix conflicts and then commit the result.

[root@db1 test]# git status

# On branch master

# You have unmerged paths.

# (fix conflicts and run "git commit")

#

# Unmerged paths:

# (use "git add <file>..." to mark resolution)

#

# both modified: common.txt

#

no changes added to commit (use "git add" and/or "git commit -a")

[root@db1 test]# cat common.txt

b

<<<<<<< HEAD

a master

=======

a exp

>>>>>>> exp

c

[root@db1 test]# vi common.txt

[root@db1 test]# cat common.txt

b

a master,exp

c

[root@db1 test]# git add common.txt

[root@db1 test]# git status

# On branch master

# All conflicts fixed but you are still merging.

# (use "git commit" to conclude merge)

#

# Changes to be committed:

#

# modified: common.txt

#

[root@db1 test]# git commit

[master 0ab0a5c] Merge branch 'exp'

[root@db1 test]# git log

commit 0ab0a5c765e272e58700945351d8aeaeb575566a

Merge: 127cefa f8ec5af

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:20:18 2018 +0000

Merge branch 'exp'

Conflicts:

common.txt

commit f8ec5af5619101a0f6f8853fa23cb1c5248cdf96

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:15:10 2018 +0000

12

commit 127cefac53c63cba8fd46b22b87d045c17e64d8c

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:14:33 2018 +0000

11

commit d38c5be78d146bcca70347c930ab96789af9ead4

Merge: 3e71d7b 85d1dec

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:12:26 2018 +0000

Merge branch 'exp'

[root@db1 test]# cat common.txt

b

a master,exp

c

[root@db1 test]# echo d >> f1.txt

[root@db1 test]# git commit -am "13"

[master 8691628] 13

1 file changed, 1 insertion(+)

[root@db1 test]# echo e >> f1.txt

[root@db1 test]# git commit -am "14"

[master 88a8704] 14

1 file changed, 1 insertion(+)

[root@db1 test]# git log

commit 88a8704239f065ccf3fefba59dc8f87751ea3fa7

Author: choga88 <choga88@sk.com>

Date: Mon Feb 19 06:01:41 2018 +0000

14

commit 8691628cd9eed4b252e11fe05decd3c4d462e698

Author: choga88 <choga88@sk.com>

Date: Mon Feb 19 06:01:24 2018 +0000

13

commit 0ab0a5c765e272e58700945351d8aeaeb575566a

Merge: 127cefa f8ec5af

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:20:18 2018 +0000

Merge branch 'exp'

Conflicts:

common.txt

commit f8ec5af5619101a0f6f8853fa23cb1c5248cdf96

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:15:10 2018 +0000

12

commit 127cefac53c63cba8fd46b22b87d045c17e64d8c

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:14:33 2018 +0000

11

[root@db1 test]# git reset --hard 8691628cd9eed4b252e11fe05decd3c4d462e698

HEAD is now at 8691628 13

[root@db1 test]# git log

commit 8691628cd9eed4b252e11fe05decd3c4d462e698

Author: choga88 <choga88@sk.com>

Date: Mon Feb 19 06:01:24 2018 +0000

13

commit 0ab0a5c765e272e58700945351d8aeaeb575566a

Merge: 127cefa f8ec5af

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:20:18 2018 +0000

Merge branch 'exp'

Conflicts:

common.txt

commit f8ec5af5619101a0f6f8853fa23cb1c5248cdf96

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:15:10 2018 +0000

12

commit 127cefac53c63cba8fd46b22b87d045c17e64d8c

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:14:33 2018 +0000

11

commit d38c5be78d146bcca70347c930ab96789af9ead4

Merge: 3e71d7b 85d1dec

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:12:26 2018 +0000

Merge branch 'exp'

[root@db1 test]# git reset --hard ORIG\_HEAD

HEAD is now at 88a8704 14

[root@db1 test]# git log

commit 88a8704239f065ccf3fefba59dc8f87751ea3fa7

Author: choga88 <choga88@sk.com>

Date: Mon Feb 19 06:01:41 2018 +0000

14

commit 8691628cd9eed4b252e11fe05decd3c4d462e698

Author: choga88 <choga88@sk.com>

Date: Mon Feb 19 06:01:24 2018 +0000

13

commit 0ab0a5c765e272e58700945351d8aeaeb575566a

Merge: 127cefa f8ec5af

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:20:18 2018 +0000

Merge branch 'exp'

Conflicts:

common.txt

commit f8ec5af5619101a0f6f8853fa23cb1c5248cdf96

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:15:10 2018 +0000

12

commit 127cefac53c63cba8fd46b22b87d045c17e64d8c

Author: choga88 <choga88@sk.com>

Date: Thu Feb 15 12:14:33 2018 +0000

11

[root@db1 test]# git reflog

88a8704 HEAD@{0}: reset: moving to ORIG\_HEAD

8691628 HEAD@{1}: reset: moving to 8691628cd9eed4b252e11fe05decd3c4d462e698

88a8704 HEAD@{2}: commit: 14

8691628 HEAD@{3}: commit: 13

0ab0a5c HEAD@{4}: commit (merge): Merge branch 'exp'

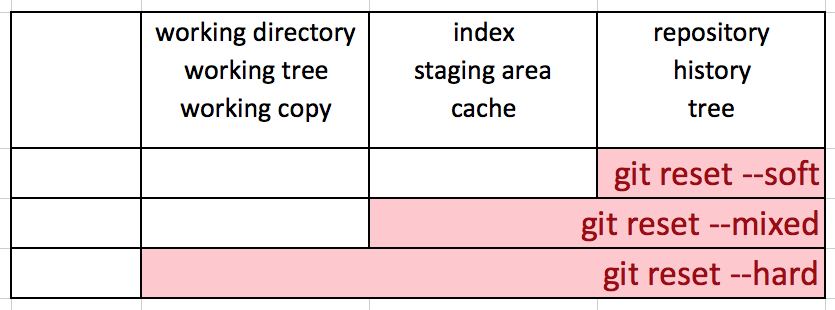
127cefa HEAD@{5}: checkout: moving from exp to master

f8ec5af HEAD@{6}: commit: 12

d38c5be HEAD@{7}: checkout: moving from master to exp

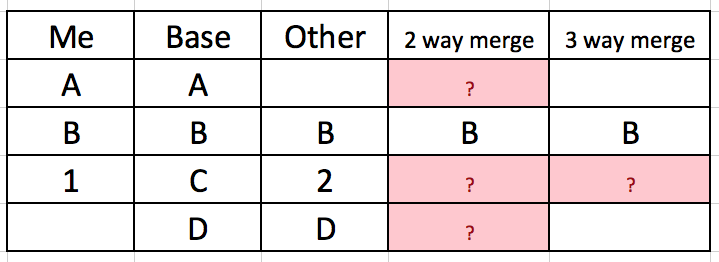
127cefa HEAD@{8}: commit: 11

[git reset 옵션별 reset범위]



[merge의 방법]

?는 conflict가 나는 경우로 3way merge가 conflict가 적게남



[root@db1 ~]# git init local

Initialized empty Git repository in /root/local/.git/

[root@db1 ~]# cd local

[root@db1 local]# echo a > f1.txt

[root@db1 local]# git add f1.txt

[root@db1 local]# git commit -m "1"

[master (root-commit) dc2b781] 1

1 file changed, 1 insertion(+)

create mode 100644 f1.txt

[root@db1 local]# cd ..

[root@db1 ~]# git init --bare remote

Initialized empty Git repository in /root/remote/

[root@db1 ~]# cd remote/

[root@db1 remote]# ls -al

total 16

drwxr-xr-x. 7 root root 119 Feb 19 08:04 .

dr-x------. 21 root root 4096 Feb 19 08:04 ..

drwxr-xr-x. 2 root root 6 Feb 19 08:04 branches

-rw-r--r--. 1 root root 66 Feb 19 08:04 config

-rw-r--r--. 1 root root 73 Feb 19 08:04 description

-rw-r--r--. 1 root root 23 Feb 19 08:04 HEAD

drwxr-xr-x. 2 root root 242 Feb 19 08:04 hooks

drwxr-xr-x. 2 root root 21 Feb 19 08:04 info

drwxr-xr-x. 4 root root 30 Feb 19 08:04 objects

drwxr-xr-x. 4 root root 31 Feb 19 08:04 refs

[root@db1 remote]# cd ../local/

[root@db1 local]# pwd

/root/local

[root@db1 local]# git remote add origin /root/remote

[root@db1 local]# git remote -v

origin /root/remote (fetch)

origin /root/remote (push)

[root@db1 local]# git branch

\* master

[root@db1 local]# git push

warning: push.default is unset; its implicit value is changing in

Git 2.0 from 'matching' to 'simple'. To squelch this message

and maintain the current behavior after the default changes, use:

git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

git config --global push.default simple

See 'git help config' and search for 'push.default' for further information.

(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode

'current' instead of 'simple' if you sometimes use older versions of Git)

No refs in common and none specified; doing nothing.

Perhaps you should specify a branch such as 'master'.

fatal: The remote end hung up unexpectedly

error: failed to push some refs to '/root/remote'

[root@db1 local]# git config --global push.default simple

[root@db1 local]# git push

fatal: The current branch master has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin master

[root@db1 local]# git push --set-upstream origin master

Counting objects: 3, done.

Writing objects: 100% (3/3), 193 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To /root/remote

\* [new branch] master -> master

Branch master set up to track remote branch master from origin.

[root@db1 local]# cd ../remote/

[root@db1 remote]# git log

commit dc2b781095ea4a6fd5ccf7e50b6c62f5b03527ff

Author: choga88 <choga88@sk.com>

Date: Mon Feb 19 08:01:44 2018 +0000

1

[root@db1 remote]# cd ..

[root@db1 ~]# git clone http://github.com/git/git.git gitsrc

Cloning into 'gitsrc'...

remote: Counting objects: 239095, done.

remote: Total 239095 (delta 0), reused 0 (delta 0), pack-reused 239094

Receiving objects: 100% (239095/239095), 100.63 MiB | 457.00 KiB/s, done.

Resolving deltas: 100% (176389/176389), done.

[root@db1 ~]# cd gitsrc

[root@db1 gitsrc]# git log --reverse commit e83c5163316f89bfbde7d9ab23ca2e25604af290

Author: Linus Torvalds <torvalds@ppc970.osdl.org>

Date: Thu Apr 7 15:13:13 2005 -0700

Initial revision of "git", the information manager from hell

commit 8bc9a0c769ac1df7820f2dbf8f7b7d64835e3c68

Author: Linus Torvalds <torvalds@ppc970.osdl.org>

Date: Thu Apr 7 15:16:10 2005 -0700

Add copyright notices.

The tool interface sucks (especially "committing" information, which is just

me doing everything by hand from the command line), but I think this is in

theory actually a viable way of describing the world. So copyright it.

commit e497ea2a9b6c378f01d092c210af20cbee762475

Author: Linus Torvalds <torvalds@ppc970.osdl.org>

Date: Thu Apr 7 21:03:28 2005 -0700

Make read-tree actually unpack the whole tree.

I needed this to make a "sparse" archive conversion from my old

BitKeeper tree data. The scripts to do the conversion are just

incredibly ugly, but they seem to validate the notion that you

can actually use this silly 'git' thing to save your history in.

commit bf0c6e839c692142784caf07b523cd69442e57a5

Author: Linus Torvalds <torvalds@ppc970.osdl.org>

Date: Fri Apr 8 09:16:38 2005 -0700

Make "cat-file" output the file contents to stdout.

New syntax: "cat-file -t <sha1>" shows the tag, while "cat-file <tag> <sha1>"

outputs the file contents after checking that the supplied tag matches.

commit 19b2860cba5742ab31fd682b80fefefac19be141

Author: Linus Torvalds <torvalds@ppc970.osdl.org>

Date: Fri Apr 8 09:59:28 2005 -0700

Use "-Wall -O2" for the compiler to get more warnings.

[root@db1 gitsrc]# git checkout e83c5163316f89bfbde7d9ab23ca2e25604af290

Note: checking out 'e83c5163316f89bfbde7d9ab23ca2e25604af290'.

You are in 'detached HEAD' state. You can look around, make experimental

changes and commit them, and you can discard any commits you make in this

state without impacting any branches by performing another checkout.

If you want to create a new branch to retain commits you create, you may

do so (now or later) by using -b with the checkout command again. Example:

git checkout -b new\_branch\_name

HEAD is now at e83c516... Initial revision of "git", the information manager from hell

[root@db1 gitsrc]# git log

commit e83c5163316f89bfbde7d9ab23ca2e25604af290

Author: Linus Torvalds <torvalds@ppc970.osdl.org>

Date: Thu Apr 7 15:13:13 2005 -0700

Initial revision of "git", the information manager from hell

[root@db1 gitsrc]# ls -al

total 68

drwxr-xr-x. 3 root root 219 Feb 19 09:11 .

dr-x------. 22 root root 4096 Feb 19 08:28 ..

-rw-r--r--. 1 root root 2484 Feb 19 09:11 cache.h

-rw-r--r--. 1 root root 503 Feb 19 09:11 cat-file.c

-rw-r--r--. 1 root root 4103 Feb 19 09:11 commit-tree.c

drwxr-xr-x. 8 root root 163 Feb 19 09:11 .git

-rw-r--r--. 1 root root 1198 Feb 19 09:11 init-db.c

-rw-r--r--. 1 root root 957 Feb 19 09:11 Makefile

-rw-r--r--. 1 root root 5681 Feb 19 09:11 read-cache.c

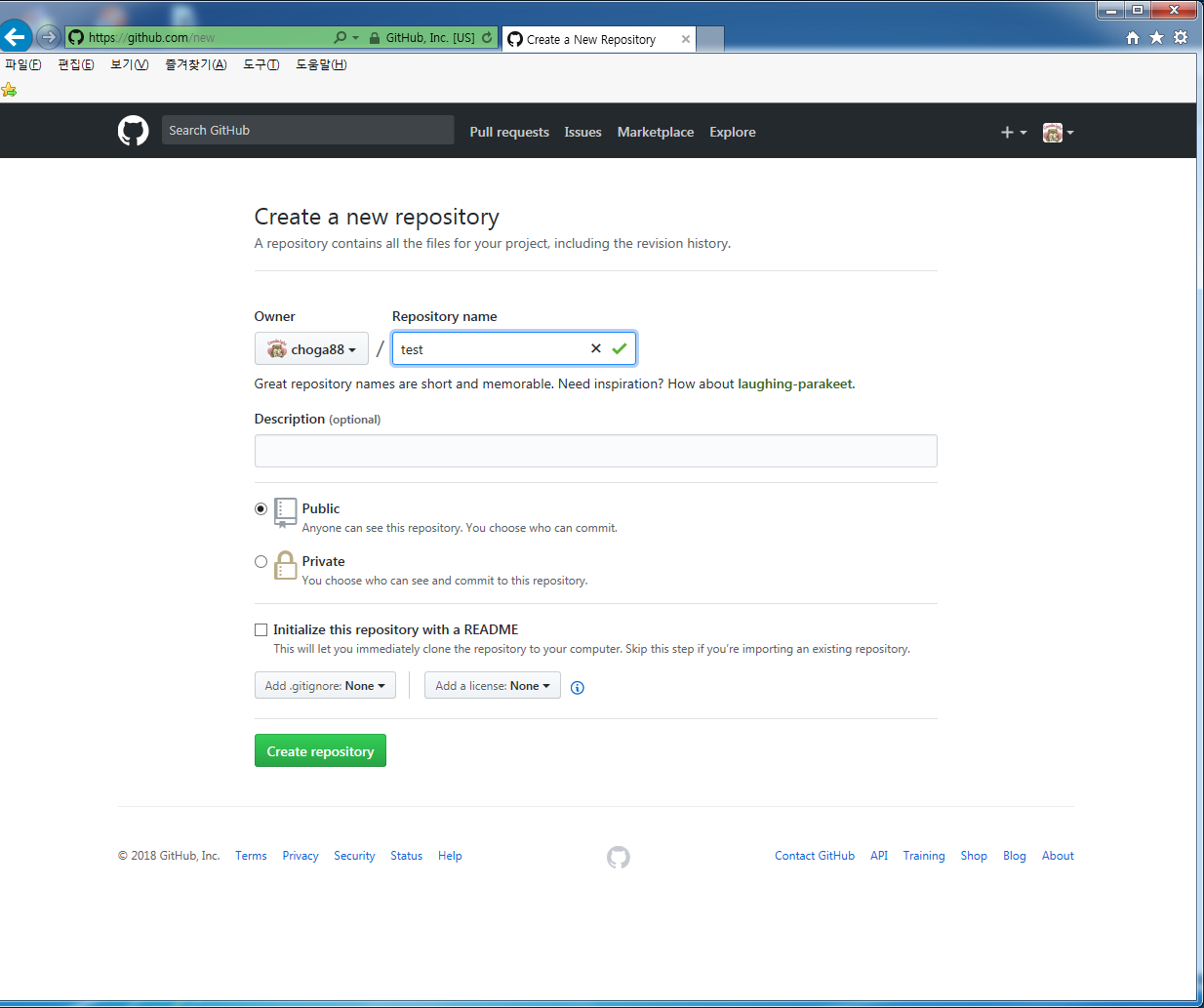
-rw-r--r--. 1 root root 8392 Feb 19 09:11 README

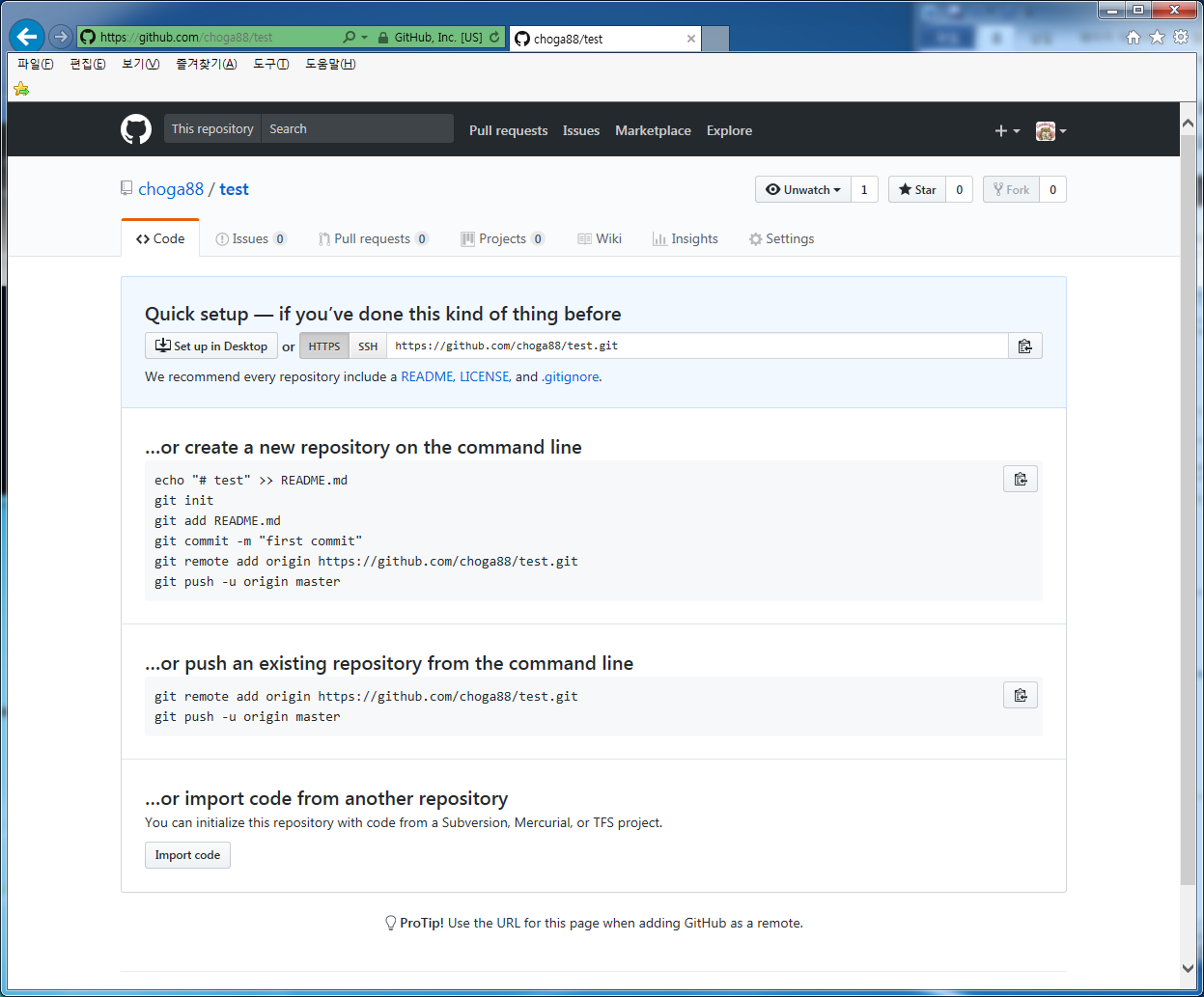
-rw-r--r--. 1 root root 986 Feb 19 09:11 read-tree.c

-rw-r--r--. 1 root root 2034 Feb 19 09:11 show-diff.c

-rw-r--r--. 1 root root 5395 Feb 19 09:11 update-cache.c

-rw-r--r--. 1 root root 1441 Feb 19 09:11 write-tree.c





[root@db1 ~]# cd test

[root@db1 test]# ls

common.txt exp.txt f1.txt f2.txt f3.txt master.txt

[root@db1 test]# ll

total 24

-rw-r--r--. 1 root root 17 Feb 15 12:18 common.txt

-rw-r--r--. 1 root root 2 Feb 15 11:56 exp.txt

-rw-r--r--. 1 root root 10 Feb 19 06:05 f1.txt

-rw-r--r--. 1 root root 2 Feb 15 11:09 f2.txt

-rw-r--r--. 1 root root 2 Feb 15 11:15 f3.txt

-rw-r--r--. 1 root root 2 Feb 15 12:13 master.txt

[root@db1 test]# git remote add origin https://github.com/choga88/test.git

[root@db1 test]# git remote

origin

[root@db1 test]# git remote -v

origin https://github.com/choga88/test.git (fetch)

origin https://github.com/choga88/test.git (push)

[root@db1 test]# git remote add origin2 https://github.com/choga88/test.git

[root@db1 test]# git remote -v

origin https://github.com/choga88/test.git (fetch)

origin https://github.com/choga88/test.git (push)

origin2 https://github.com/choga88/test.git (fetch)

origin2 https://github.com/choga88/test.git (push)

[root@db1 test]# git remote --help

[root@db1 test]# git remote remove origin2

[root@db1 test]# git remote -v

origin https://github.com/choga88/test.git (fetch)

origin https://github.com/choga88/test.git (push)

[root@db1 test]# git push -u origin master

Username for 'https://github.com': choga88

Password for 'https://choga88@github.com':

Counting objects: 49, done.

Compressing objects: 100% (35/35), done.

Writing objects: 100% (49/49), 3.82 KiB | 0 bytes/s, done.

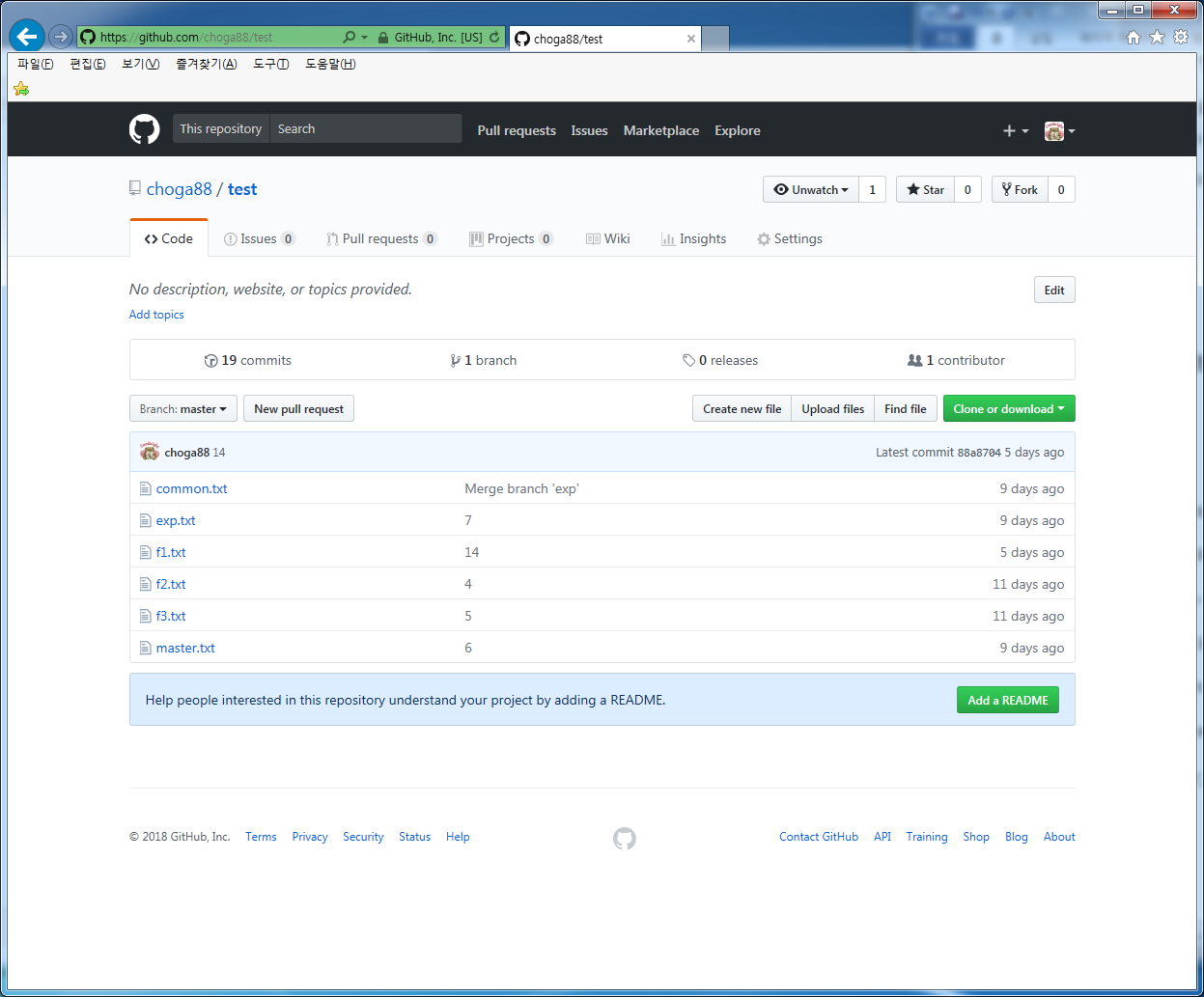
Total 49 (delta 13), reused 0 (delta 0)

remote: Resolving deltas: 100% (13/13), done.

To https://github.com/choga88/test.git

\* [new branch] master -> master

Branch master set up to track remote branch master from origin.



[root@db1 test]# echo f > f1.txt

[root@db1 test]# git commit -am "5"

[master c74a2e3] 5

1 file changed, 1 insertion(+), 5 deletions(-)

[root@db1 test]# git push

Username for 'https://github.com': choga88

Password for 'https://choga88@github.com':

Counting objects: 5, done.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 242 bytes | 0 bytes/s, done.

Total 3 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/choga88/test.git

88a8704..c74a2e3 master -> master

[root@db1 /]# mkdir test2

[root@db1 /]# cd test2

[root@db1 test2]# git clone https://github.com/choga88/test.git .

Cloning into '.'...

remote: Counting objects: 55, done.

remote: Compressing objects: 100% (25/25), done.

remote: Total 55 (delta 15), reused 54 (delta 14), pack-reused 0

Unpacking objects: 100% (55/55), done.

[root@db1 test2]# ls

common.txt exp.txt f1.txt f2.txt f3.txt master.txt

[root@db1 test2]# git remote -v

origin https://github.com/choga88/test.git (fetch)

origin https://github.com/choga88/test.git (push)

1107383@SKT1107383PN003 MINGW64 ~

$ ssh-keygen

Generating public/private rsa key pair.

Enter file in which to save the key (/c/Users/user/.ssh/id\_rsa):

Created directory '/c/Users/user/.ssh'.

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /c/Users/user/.ssh/id\_rsa.

Your public key has been saved in /c/Users/user/.ssh/id\_rsa.pub.

The key fingerprint is:

SHA256:PANn5B4Up/zx47cAsAMCkCjth/qsTunkkGG455OrzRk 1107383@SKT1107383PN003

The key's randomart image is:

+---[RSA 2048]----+

|o+. +.. |

|+ .. = o |

|.. .. o O . |

|. o .. B = o |

|oo . S o o |

|o+. + o . |

|+\*E. o . |

|\*==o o . |

|+\*\*o . |

+----[SHA256]-----+

1107383@SKT1107383PN003 MINGW64 ~

$ cd /c/Users/user/.ssh

1107383@SKT1107383PN003 MINGW64 ~/.ssh

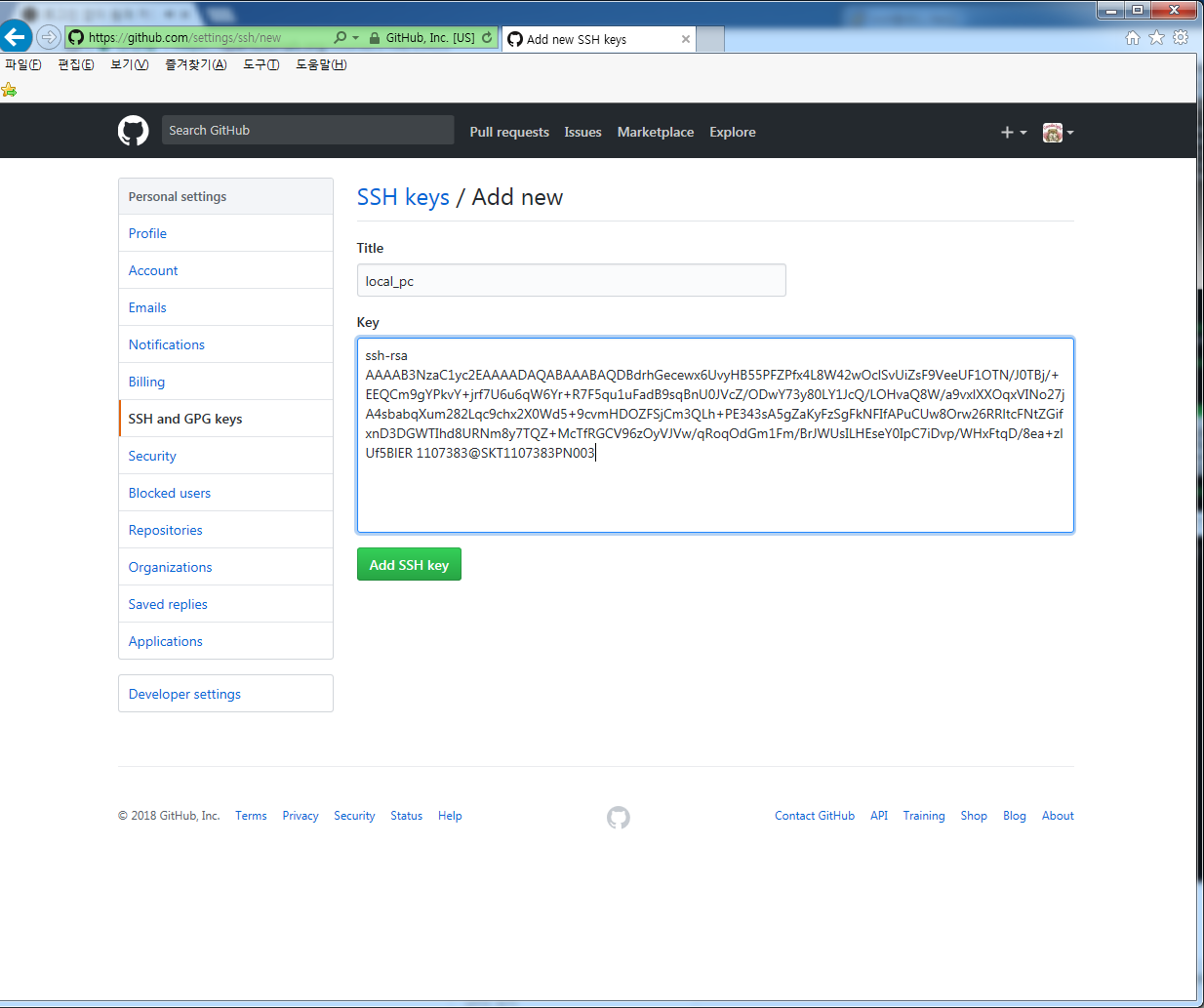
$ ls

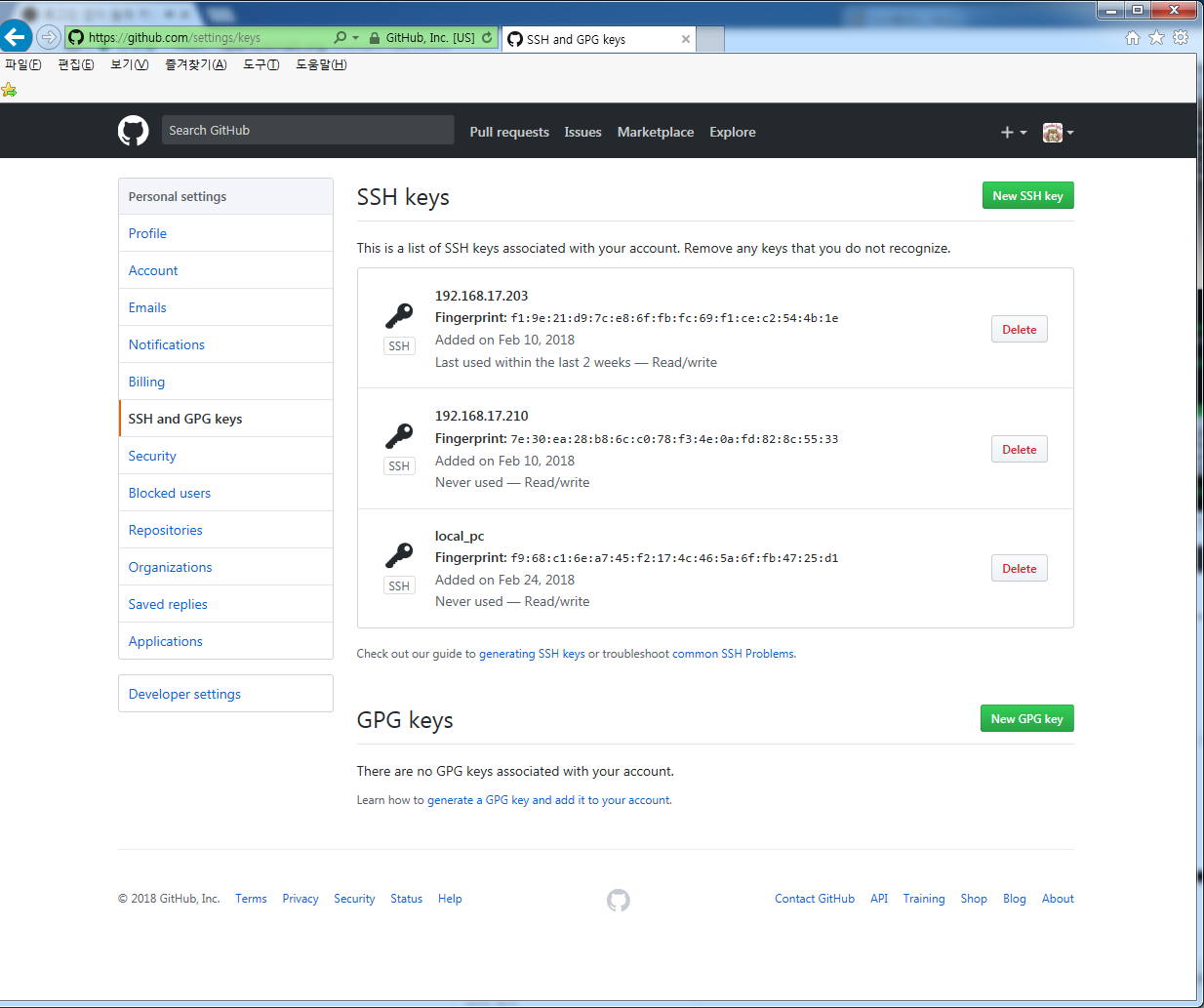
id\_rsa id\_rsa.pub

1107383@SKT1107383PN003 MINGW64 ~/.ssh

$ cat id\_rsa.pub

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQDBdrhGecewx6UvyHB55PFZPfx4L8W42wOclSvUiZsF9VeeUF1OTN/J0TBj/+EEQCm9gYPkvY+jrf7U6u6qW6Yr+R7F5qu1uFadB9sqBnU0JVcZ/ODwY73y80LY1JcQ/LOHvaQ8W/a9vxlXXOqxVINo27jA4sbabqXum282Lqc9chx2X0Wd5+9cvmHDOZFSjCm3QLh+PE343sA5gZaKyFzSgFkNFIfAPuCUw8Orw26RRltcFNtZGifxnD3DGWTIhd8URNm8y7TQZ+McTfRGCV96zOyVJVw/qRoqOdGm1Fm/BrJWUsILHEseY0IpC7iDvp/WHxFtqD/8ea+zlUf5BlER 1107383@SKT1107383PN003





$ cd ../My\ Documents/다운로드

1107383@SKT1107383PN003 MINGW64 ~/My Documents/다운로드

$ git clone git@github.com:choga88/test.git .

Cloning into '.'...

The authenticity of host 'github.com (192.30.255.112)' can't be established.

RSA key fingerprint is SHA256:nThbg6kXUpJWGl7E1IGOCspRomTxdCARLviKw6E5SY8.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added 'github.com,192.30.255.112' (RSA) to the list of known hosts.

remote: Counting objects: 55, done.

remote: Compressing objects: 100% (25/25), done.

remote: Total 55 (delta 15), reused 54 (delta 14), pack-reused 0

Receiving objects: 100% (55/55), 4.19 KiB | 0 bytes/s, done.

Resolving deltas: 100% (15/15), done.

Checking connectivity... done.

$ ls

common.txt exp.txt f1.txt f2.txt f3.txt master.txt

1107383@SKT1107383PN003 MINGW64 ~/My Documents/다운로드 (master)

$ echo ddd >> f1.txt

1107383@SKT1107383PN003 MINGW64 ~/My Documents/다운로드 (master)

$ git add f1.txt

warning: LF will be replaced by CRLF in f1.txtt.

The file will have its original line endings in your working directory.

1107383@SKT1107383PN003 MINGW64 ~/My Documents/다운로드 (master)

$ git commit -m 17

[master b57c94b] 17

warning: LF will be replaced by CRLF in f1.txtt.

The file will have its original line endings in your working directory.

1 file changed, 1 insertion(+)

create mode 100644 f1.txtt

1107383@SKT1107383PN003 MINGW64 ~/My Documents/다운로드 (master)

$ git push

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 251 bytes | 0 bytes/s, done.

Total 3 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To git@github.com:choga88/test.git

60d4707..b57c94b master -> master

-------------------------------------------------------------------------------------------------------------

브랜치의 목록을 볼 때

git branch

브랜치를 생성할 때

git branch "새로운 브랜치 이름"

브랜치를 삭제할 때

git branch -d

병합하지 않은 브랜치를 강제 삭제할 때

git branch -D

브랜치를 전환(체크아웃)할 때

git checkout "전환하려는 브랜치 이름"

브랜치를 생성하고 전환까지 할 때

git checkout -b "생성하고 전환할 브랜치 이름"

브랜치 간에 비교할 때

git log "비교할 브랜치 명 1".."비교할 브랜치 명 2"

브랜치 간의 코드를 비교 할 때

git diff "비교할 브랜치 명 1".."비교할 브랜치 명 2"

로그에 모든 브랜치를 표시하고, 그래프로 표현하고, 브랜치 명을 표시하고, 한줄로 표시할 때

git log --branches --graph --decorate –oneline

A 브랜치로 B 브랜치를 병합할 때 (A ← B)

git checkout A

git merge B

git의 소스코드를 지역저장소로 가져오기

git clone https://github.com/git/git.git

로그를 거꾸로 출력하기

git log --reverse

git의 첫번째 커밋으로 체크아웃하기

git checkout e83c5163316f89bfbde7d9ab23ca2e25604af290