

Subversion

Subversion

GUI

TortoiseSVN

가

Subversion

GUI

GUI

GUI

Subversion

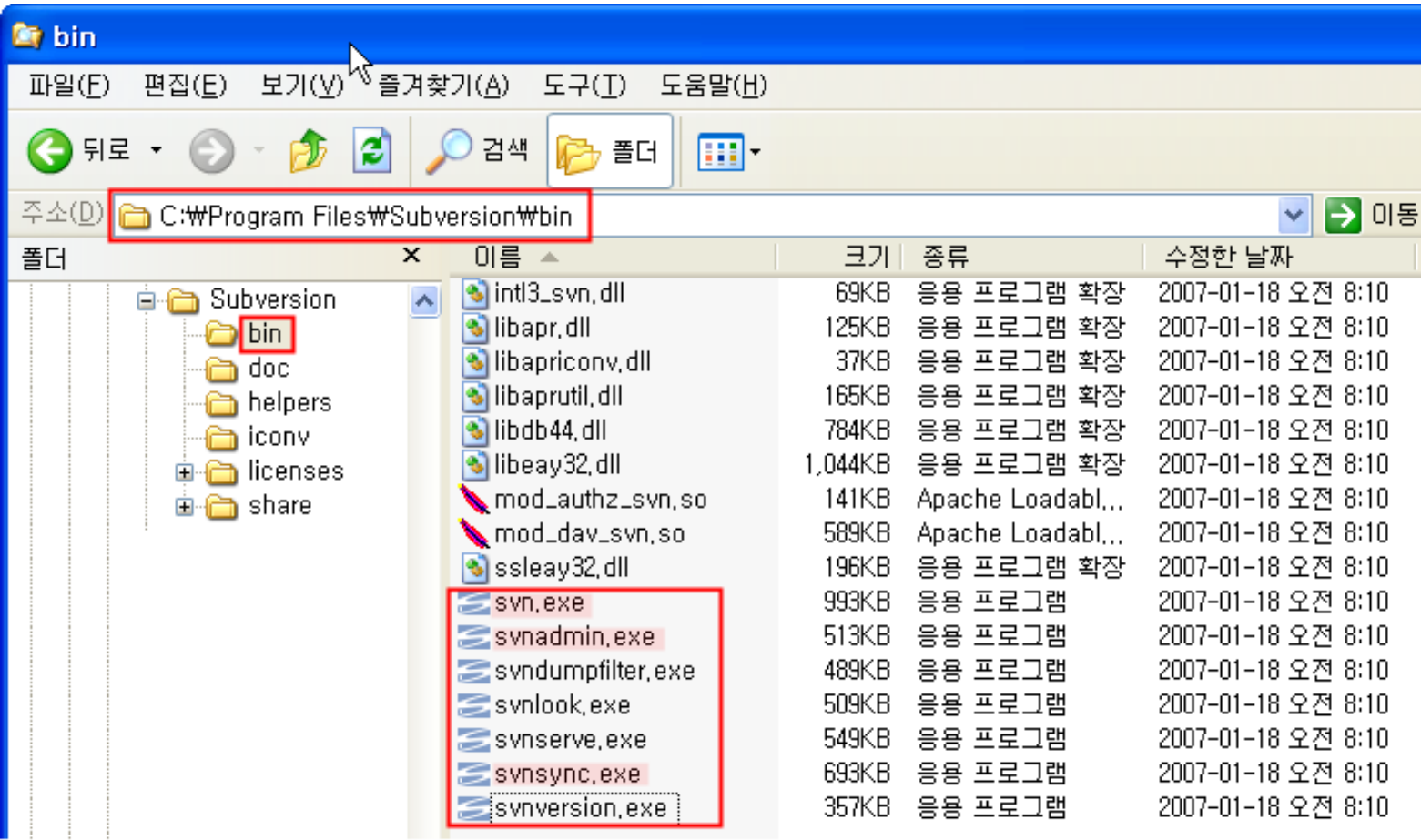
UI가

가

GUI

Subversion

1. Subversion



subversion

path

가

가

C:\Program Files\Subversion\bin;

"

"

subversion

2. Subversion

"

"

subversion

```
C:\>svnadmin
```

::

'svnadmin help'

C:\>svnadmin help

: svnadmin SUBCOMMAND REPOS_PATH [ARGS & OPTIONS ...]

'svnadmin help <subcommand>'

'svnlook --version'

가

가

:

crashtest

create

deltify

dump

help (?, h)

hotcopy

list-dblogs

list-unused-dblogs

load

lslocks

lstxns

recover

rmlocks

rmtxns

setlog

verify

C:\>svnadmin help crashtest

crashtest: : svnadmin crashtest REPOS_PATH

REPOS_PATH

C:\>svnadmin help create

create: : svnadmin create REPOS_PATH

REPOS_PATH

:

--bdb-txn-nosync : fsync [Berkeley DB]

--bdb-log-keep : [Berkeley DB]

--config-dir arg : arg

--fs-type arg : 'fsfs' () 'bdb'

--pre-1.4-compatible : Subversion 1.4

C:\>svnadmin help deltify

deltify: : svnadmin deltify [-r LOWER[:UPPER]] REPOS_PATH

,

,

HEAD

```

:
-r [--revision] arg      : ARG ( X:Y )
-q [--quiet]             : stderr ( )

```

C:\>svnadmin help dump

```
dump:      : svnadmin dump REPOS_PATH [-r LOWER[:UPPER]] [--incremental]
```

```

      stdout      'dumpfile'
stderr      .      LOWER rev      UPPER rev
      .
--incremental      ,
      .

```

```

:
-r [--revision] arg      : ARG ( X:Y )
--incremental           : incremental .
--deltas                : deltas
-q [--quiet]            : stderr ( )

```

C:\>svnadmin help hotcopy

```
hotcopy:      : svnadmin hotcopy REPOS_PATH NEW_REPOS_PATH
```

```

:
--clean-logs           : [Berkeley DB] Berkeley DB

```

C:\>svnadmin help list-dblogs

```
list-dblogs:      : svnadmin list-dblogs REPOS_PATH
```

```

:

```

C:\>svnadmin help list-unused-dblogs

```
list-unused-dblogs:      : svnadmin list-unused-dblogs REPOS_PATH
```

C:\>svnadmin help load

```
load:      : svnadmin load REPOS_PATH
```

```

stdin      'dumpfile'
      .
      가
      ,      UUID 가
가      .      stdout
:
-q [--quiet]      : stderr ( )

```

::

```
--ignore-uuid      :      repos UUID가  
--force-uuid       :      , repos UUID  
--use-pre-commit-hook :      post-commit  
--use-post-commit-hook :      post-commit  
--parent-dir arg    :
```

C:\>svnadmin help lslocks

```
lslocks:      : svnadmin lslocks REPOS_PATH
```

C:\>svnadmin help lstxns

```
lstxns:      : svnadmin lstxns REPOS_PATH
```

C:\>svnadmin help recover

```
recover:      : svnadmin recover REPOS_PATH
```

가

:

```
--wait      :      가  
가
```

C:\>svnadmin help rmlocks

```
rmlocks:      : svnadmin rmlocks REPOS_PATH LOCKED_PATH...
```

LOCKED_PATH

C:\>svnadmin help rmtxns

```
rmtxns:      : svnadmin rmtxns REPOS_PATH TXN_NAME...
```

()

:

```
-q [--quiet]      : stderr ( )
```

C:\>svnadmin help setlog

```
setlog:      : svnadmin setlog REPOS_PATH -r REVISION FILE
```

FILE REVISION

```
--bypass-hooks revision-property-related
```

(, post-revprop-change hook

가

```
pre-revprop-change )
```

:

가

,

::

```
:  
-r [--revision] arg      :          ARG (      X:Y      )  
--bypass-hooks           :
```

C:\>svnadmin help verify

verify: : svnadmin verify REPOS_PATH

C:\>svn

'svn help'

C:\>svn help

```
: svn <subcommand> [options] [args]  
Subversion              1.4.3.  
'svn help <subcommand>'  
'svn --version'  
'svn --version --quiet'
```

가

가

:

```
add  
blame (praise, annotate, ann)  
cat  
checkout (co)  
cleanup  
commit (ci)  
copy (cp)  
delete (del, remove, rm)  
diff (di)  
export  
help (?, h)  
import  
info  
list (ls)  
lock  
log  
merge  
mkdir  
move (mv, rename, ren)  
propdel (pdel, pd)  
propedit (pedit, pe)  
propget (pget, pg)  
proplist (plist, pl)  
propset (pset, ps)
```

```
resolved
revert
status (stat, st)
switch (sw)
unlock
update (up)
```

Subversion

<http://subversion.tigris.org/>

C:\>svn help add

add:

```
가 , 가
: add PATH...

:
--targets arg      : arg 가
-N [--non-recursive] :
-q [--quiet]       : 가
--config-dir arg   : arg
--force            :
--no-ignore        : svn:ignore
--auto-props       :
--no-auto-props    :
```

C:\>svn help blame

blame (praise, annotate, ann): URL

: blame TARGET[@REV]...

```
REV가 , REV

:
-r [--revision] arg : ARG ( ARG1:ARG2 )
                     가 :
                     NUMBER
                     '{' DATE '}'
                     'HEAD'
                     'BASE'
                     'COMMITTED' BASE
                     'PREV' COMMITTED
-v [--verbose]      :
--incremental       :
--xml               : XML
-x [--extensions] arg : : '-u'. Subversion diff
```

ARG가
to the program. But when Subversion is using its
default internal diff implementation, or when
Subversion is displaying blame annotations, ARG
could be any of the following:

```

-u (--unified):
    Output 3 lines of unified context.
-b (--ignore-space-change):
    Ignore changes in the amount of white space.
-w (--ignore-all-space):
    Ignore all white space.
--ignore-eol-style:
    Ignore changes in EOL style

```

```

--force                :
--username arg         : arg                ID
--password arg         : arg
--no-auth-cache        :
--non-interactive       :
--config-dir arg       : arg

```

C:\>svn help cat

```

cat:                URL
: cat TARGET[@REV]...

REV가 , REV

:
-r [--revision] arg : ARG ( ARG1:ARG2 )
                       가 :
                       NUMBER
                       '{' DATE '}'
                       'HEAD'
                       'BASE'
                       'COMMITTED' BASE
                       'PREV' COMMITTED

--username arg      : arg                ID
--password arg      : arg
--no-auth-cache     :
--non-interactive   :
--config-dir arg    : arg

```

C:\>svn help checkout

```

checkout (co):
usage: checkout URL[@REV]... [PATH]

REV가 , REV

PATH가 , URL

URL

PATH URL

:
-r [--revision] arg : ARG ( ARG1:ARG2 )
                       가 :

```

```

NUMBER
'{' DATE '}'
'HEAD'
'BASE'
'COMMITTED' BASE
'PREV' COMMITTED

```

```

-q [--quiet] : 가
-N [--non-recursive] :
--username arg : arg ID
--password arg : arg
--no-auth-cache :
--non-interactive :
--config-dir arg : arg
--ignore-externals : (svn:externals )

```

C:\>svn help cleanup

```

cleanup:
: cleanup [PATH...]
:
--diff3-cmd arg : arg merge
--config-dir arg : arg

```

C:\>svn help commit

```

commit (ci):
: commit [PATH...]
:
--message --file , 가
,
가
:
-q [--quiet] : 가
-N [--non-recursive] :
--targets arg : arg 가
--no-unlock :
-m [--message] arg :
-F [--file] arg : arg
--force-log :
--editor-cmd arg : arg
--encoding arg : arg
--username arg : arg ID
--password arg : arg
--no-auth-cache :
--non-interactive :
--config-dir arg : arg

```

C:\>svn help copy

```

copy (cp):          (working copy;WC)
: copy SRC DST

SRC  DST          URL
WC   -> WC:              가
WC   -> URL:            URL
URL  -> WC:    URL      가
URL  -> URL:          ,      &

:
-r [--revision] arg : ARG (      ARG1:ARG2      )
                        가      :
                        NUMBER
                        '{' DATE '}'
                        'HEAD'
                        'BASE'
                        'COMMITTED' BASE
                        'PREV'      COMMITTED

-q [--quiet]          : 가
-m [--message] arg    :
-F [--file] arg       : arg
--force-log           :
--editor-cmd arg      : arg
--encoding arg        :      arg
--username arg        : arg      ID
--password arg        : arg
--no-auth-cache       :
--non-interactive     :
--config-dir arg      : arg

```

C:\>svn help delete

```

delete (del, remove, rm):
: 1. delete PATH...
  2. delete URL...

1. PATH
,
. PATH가

--force

2. URL

:
--force      :
-q [--quiet] : 가
--targets arg : arg      가
-m [--message] arg :
-F [--file] arg : arg
--force-log   :

```

```
--editor-cmd arg      : arg
--encoding arg        :      arg
--username arg         : arg      ID
--password arg         : arg
--no-auth-cache        :
--non-interactive      :
--config-dir arg       : arg
```

```

-x [--extensions] arg      :      : '-u'. Subversion      diff
                             ARG가
                             to the program. But when Subversion is using its
                             default internal diff implementation, or when
                             Subversion is displaying blame annotations, ARG
                             could be any of the following:
                             -u (--unified):
                                 Output 3 lines of unified context.
                             -b (--ignore-space-change):
                                 Ignore changes in the amount of white space.
                             -w (--ignore-all-space):
                                 Ignore all white space.
                             --ignore-eol-style:
                                 Ignore changes in EOL style

--no-diff-deleted           :
--notice-ancestry          :
--summarize                 :
--force                     :
--username arg             : arg      ID
--password arg             : arg
--no-auth-cache             :
--non-interactive           :
--config-dir arg           : arg

```

C:\>svn help export

export:

usage: 1. export [-r REV] URL[@PEGREV] [PATH]
 2. export [-r REV] PATH1[@PEGREV] [PATH2]

1. REV URL PATH
 REV가 HEAD()
 PATH가 URL

2. REV PATH1
 PATH2 . REV 가
 . PATH2가 PATH1
 . REV가

PEGREV가 ,

:
 -r [--revision] arg : ARG (ARG1:ARG2)
 가 :

NUMBER
 '{' DATE '}'
 'HEAD'
 'BASE'
 'COMMITTED' BASE
 'PREV' COMMITTED

```

-q [--quiet]           : 가
-N [--non-recursive]  :
--force                :
--username arg         : arg ID
--password arg         : arg
--no-auth-cache        :
--non-interactive      :
--config-dir arg       : arg
--native-eol arg       : 가
                        svn:eol-style
                        'native'
                        ARG 'LF', 'CR', 'CRLF' 가
--ignore-externals     : (svn:externals )

```

C:\>svn help import

```

import:
: import [PATH] URL

PATH URL 가
PATH가 ' .' ,
가
PATH가 , URL 가

:
-q [--quiet]           : 가
-N [--non-recursive]  :
--auto-props          :
--no-auto-props       :
-m [--message] arg    :
-F [--file] arg       : arg
--force-log           :
--editor-cmd arg      : arg
--encoding arg        : arg
--no-ignore           : svn:ignore
--username arg        : arg ID
--password arg        : arg
--no-auth-cache       :
--non-interactive     :
--config-dir arg      : arg

```

C:\>svn help info

```

info:
: info [TARGET...]

PATH . ( : '.').
PATH URL

:
-r [--revision] arg : ARG ( ARG1:ARG2 )

```

```

                                가
                                :
                                NUMBER
                                '{' DATE '}'
                                'HEAD'
                                'BASE'
                                'COMMITTED' BASE
                                'PREV' COMMITTED

-R [--recursive] :
--targets arg : arg 가
--incremental :
--xml : XML
--username arg : arg ID
--password arg : arg
--no-auth-cache :
--non-interactive :
--config-dir arg : arg

```

C:\>svn help list

```

list (ls):
: list [TARGET[@REV]...]

TARGET      TARGET
. TARGET
URL

TARGET      URL

--verbose 가 ,

'0' ('svn info URL' )
( )

:
-r [--revision] arg : ARG ( ARG1:ARG2 )
가
:
NUMBER
'{ ' DATE '}'
'HEAD'
'BASE'
'COMMITTED' BASE
'PREV' COMMITTED

-v [--verbose] :
-R [--recursive] :
--incremental :
--xml : XML
--username arg : arg ID
--password arg : arg

```

```
--no-auth-cache      :
--non-interactive    :
--config-dir arg     : arg
```

C:\>svn help lock

```
lock:
    URL
    가

: lock TARGET...

--force

:
--targets arg       : arg
-m [--message] arg  : arg
-F [--file] arg     : arg
--force-log         :
--encoding arg      : arg
--username arg      : arg
--password arg      : arg
--no-auth-cache     :
--non-interactive   :
--config-dir arg    : arg
--force             :
```

C:\>svn help log

```
log:
    : 1. log [PATH]
      2. log URL[@REV] [PATH...]

1. PATH(
    BASE:1
    (BASE:
    )

2. URL
   PATH
   REV
    HEAD:1
    (HEAD: URL
    )

-v
-q
(-v
가
.)

가
가
--stop-on-copy
가

:
svn log
svn log foo.c
svn log http://www.example.com/repo/project/foo.c
svn log http://www.example.com/repo/project foo.c bar.c

:
```

```

-r [--revision] arg      : ARG (          ARG1:ARG2          )
                           가                                :
                           NUMBER
                           '{' DATE '}'
                           'HEAD'
                           'BASE'
                           'COMMITTED' BASE
                           'PREV'      COMMITTED

-q [--quiet]             : 가 .
-v [--verbose]           : .
--targets arg            : arg 가 .
--stop-on-copy           :      copy .
--incremental            : .
--xml                    : XML .
--username arg           : arg ID .
--password arg           : arg .
--no-auth-cache          : .
--non-interactive        : .
--config-dir arg         : arg .
--limit arg              :

```

C:\>svn help merge

merge:

- : 1. merge sourceURL1[@N] sourceURL2[@M] [WCPATH]
- 2. merge sourceWCPATH1@N sourceWCPATH2@M [WCPATH]
- 3. merge [-c M | -r N:M] SOURCE[@REV] [WCPATH]

```

1.      URL      N,M      .
      ,      URL  HEAD

```

```

2.      URL      .

```

```

3.      SOURCE      URL,      .
      URL      .      URL      REV
      N  M      . REV가      HEAD

```

가 .

```
'-c M'      N = M-1      '-r N:M'      .
```

```
'-c -M'      N = M-1      '-r M:N'      .
```

WCPATH .

```
WCPATH      , SOURCE
      ,      '.' 가 .
```

```

:
-r [--revision] arg      : ARG (          ARG1:ARG2          )
                           가                                :

```

```

NUMBER
'{ ' DATE '}'

```

```

      'HEAD'
      'BASE'
      'COMMITTED' BASE
      'PREV'      COMMITTED
-c [--change] arg      :      ARG      (-r ARG-1:ARG      )
                        ARG 가      -r ARG:ARG-1
-N [--non-recursive]  :
-q [--quiet]           : 가
--force                :
--dry-run              :
--diff3-cmd arg        : arg merge
-x [--extensions] arg :      : '-u'. Subversion      diff
                        ARG가
                        to the program. But when Subversion is using its
                        default internal diff implementation, or when
                        Subversion is displaying blame annotations, ARG
                        could be any of the following:
                        -u (--unified):
                          Output 3 lines of unified context.
                        -b (--ignore-space-change):
                          Ignore changes in the amount of white space.
                        -w (--ignore-all-space):
                          Ignore all white space.
                        --ignore-eol-style:
                          Ignore changes in EOL style
--ignore-ancestry      :
--username arg         : arg      ID
--password arg         : arg
--no-auth-cache        :
--non-interactive      :
--config-dir arg       : arg

```

C:\>svn help mkdir

```

mkdir:
  : 1. mkdir PATH...
    2. mkdir URL...

```

1. PATH

가

2. URL

```

:
-q [--quiet]      : 가
-m [--message] arg :
-F [--file] arg   : arg
--force-log       :

```

::

```
--editor-cmd arg      : arg
--encoding arg        :      arg
--username arg         : arg          ID
--password arg         : arg
--no-auth-cache        :
--non-interactive      :
--config-dir arg       : arg
```

C:\>svn help move

```
move (mv, rename, ren):
    : move SRC DST

    :      'copy'      'delete'
    : --revision

SRC  DST          URL
WC   -> WC:      , 가
URL  -> URL:      ,

:
-r [--revision] arg    : ARG (      ARG1:ARG2      )
                        가
                        :
                        NUMBER
                        '{' DATE '}'
                        'HEAD'
                        'BASE'
                        'COMMITTED' BASE
                        'PREV'      COMMITTED

-q [--quiet]           : 가
--force                :
-m [--message] arg     :
-F [--file] arg        : arg
--force-log            :
--editor-cmd arg       : arg
--encoding arg         :      arg
--username arg          : arg          ID
--password arg          : arg
--no-auth-cache         :
--non-interactive      :
--config-dir arg       : arg
```

C:\>svn help propdel

```
propdel (pdel, pd):
    : 1. propdel PROPNAME [PATH...]
    : 2. propdel PROPNAME --revprop -r REV [TARGET]

1.
2.      REV
      TARGET

:
```

```

-q [--quiet]                : 가
-R [--recursive]            :
-r [--revision] arg         : ARG ( ARG1:ARG2 )
                             가
                             :
                             NUMBER
                             '{' DATE '}'
                             'HEAD'
                             'BASE'
                             'COMMITTED' BASE
                             'PREV' COMMITTED
--revprop                    : (-r )
--username arg               : arg ID
--password arg               : arg
--no-auth-cache              :
--non-interactive            :
--config-dir arg             : arg

```

C:\>svn help propedit

```

propedit (pedit, pe): PROPNAME
: 1. propedit PROPNAME PATH...
  2. propedit PROPNAME --revprop -r REV [TARGET]

```

```

1.
2.
TARGET
:
-r [--revision] arg         : ARG ( ARG1:ARG2 )
                             가
                             :
                             NUMBER
                             '{' DATE '}'
                             'HEAD'
                             'BASE'
                             'COMMITTED' BASE
                             'PREV' COMMITTED
--revprop                    : (-r )
--username arg               : arg ID
--password arg               : arg
--no-auth-cache              :
--non-interactive            :
--encoding arg               : arg
--editor-cmd arg             : arg
--force                       :
--config-dir arg             : arg

```

C:\>svn help propget

```

propget (pget, pg): , PROPNAME
: 1. propget PROPNAME [TARGET[@REV]...]
  2. propget PROPNAME --revprop -r REV [TARGET]

```

1. ::

```
1.
2.
    TARGET

--strict
(

:
-R [--recursive]      :
-r [--revision] arg   : ARG (      ARG1:ARG2      )
                        가
                        :
                        NUMBER
                        '{' DATE '}'
                        'HEAD'
                        'BASE'
                        'COMMITTED' BASE
                        'PREV'      COMMITTED
--revprop              :      (-r      )
--strict              :
--username arg         : arg      ID
--password arg         : arg
--no-auth-cache        :
--non-interactive      :
--config-dir arg       : arg
```

C:\>svn help proplist

```
proplist (plist, pl):
: 1. proplist [TARGET[@REV]...]
  2. proplist --revprop -r REV [TARGET]

1.      .REV 가

2.
    TARGET

:
-v [--verbose]        :
-R [--recursive]      :
-r [--revision] arg   : ARG (      ARG1:ARG2      )
                        가
                        :
                        NUMBER
                        '{' DATE '}'
                        'HEAD'
                        'BASE'
                        'COMMITTED' BASE
                        'PREV'      COMMITTED
```

```

-q [--quiet] : 가
--revprop : (-r )
--username arg : arg ID
--password arg : arg
--no-auth-cache :
--non-interactive :
--config-dir arg : arg

```

C:\>svn help propset

```

propset (pset, ps): , PROPNAME PROPVAL
: 1. propset PROPNAME [PROPVAL | -F VALFILE] PATH...
2. propset PROPNAME --revprop -r REV [PROPVAL | -F VALFILE] [TARGET]

```

- 1.
2. TARGET

```

PROVAL --file
: svn

```

```

svn:ignore -
svn:keywords - 가
URL, HeadURL - URL.
Author, LastChangedBy -
Date, LastChangedDate - /
Rev, Revision, - 가
LastChangedRevision
Id - 가

```

```

svn:executable - 가
svn:eol-style - 'native', 'LF', 'CR', 'CRLF'.
svn:mime-type - MIME
, Apache 가
'text/' MIME

```

```

svn:externals -
URL , 가
foo http://example.com/repos/zig
foo/bar -r 1234 http://example.com/repos/zag
svn:needs-lock -

```

```

svn:keywords, svn:executable, svn:eol-style, svn:mime-type, svn-needs-lock

```

```

-F [--file] arg : arg
--encoding arg : arg

```

::

```
-q [--quiet]          : 가 .
-r [--revision] arg   : ARG ( ARG1:ARG2 )
                        가 :
                        NUMBER
                        '{' DATE '}'
                        'HEAD'
                        'BASE'
                        'COMMITTED' BASE
                        'PREV' COMMITTED

--targets arg         : arg 가 .
-R [--recursive]      : .
--revprop              : . (-r )
--username arg        : arg ID .
--password arg         : arg .
--no-auth-cache        : .
--non-interactive      : .
--force                : .
--config-dir arg       : arg .
```

C:\>svn help resolved

resolved:

: resolved PATH...

:

```
--targets arg         : arg 가 .
-R [--recursive]      : .
-q [--quiet]          : 가 .
--config-dir arg       : arg .
```

C:\>svn help revert

revert:

. (.)

: revert PATH...

:

```
--targets arg         : arg 가 .
-R [--recursive]      : .
-q [--quiet]          : 가 .
--config-dir arg       : arg .
```

C:\>svn help status

status (stat, st):

: status [PATH...]

```

-U      ,
-V      ,

      가 :

      : 가, ,

' '
'A' 가
'C'
'D'
'I'
'M'
'R'
'X'      svn:externals
'?'
'!'      . (svn )
'~'

      :

' '
'C'
'M'

      :

' '
'L'

      : ..

'+'

      : (switch)

'S'

      :

(-u )
' '
'K'
(-u )
' ' 가 ,
'K' 가 ,
'O' 가 , 가
'T' 가 ,
'B' 가 ,

가      .(-u ):
'*'
' '

      가 가 :

      ( -u -v)
      ( -v)

```

::

```
:
svn status wc
M      wc/bar.c
A +    wc/qax.c

svn status -u wc
M      965      wc/bar.c
*      965      wc/foo.c
A +    965      wc/qax.c
Head revision: 981

svn status --show-updates --verbose wc
M      965      938 kfogel      wc/bar.c
*      965      922 sussman     wc/foo.c
A +    965      687 joe         wc/qax.c
      965      687 joe         wc/zig.c
Status against revision: 981
```

```
:
-u [--show-updates]      :
-v [--verbose]           :
-N [--non-recursive]     :
-q [--quiet]             : 가
--no-ignore              : svn:ignore
--incremental            :
--xml                    : XML
--username arg           : arg ID
--password arg           : arg
--no-auth-cache          :
--non-interactive        :
--config-dir arg         : arg
--ignore-externals       : (svn:externals )
```

C:\>svn help switch

```
switch (sw):
  URL
  : 1. switch URL [PATH]
    2. switch --relocate FROM TO [PATH...]

1.
  URL
  'svn update'
  URL

2.
  checkout URL 가
  가 URL
  , (ssh, http )

:
-r [--revision] arg : ARG ( ARG1:ARG2 )
  가 :
  NUMBER
```

```

    '{' DATE '}'
    'HEAD'
    'BASE'
    'COMMITTED' BASE
    'PREV' COMMITTED

```

```

-N [--non-recursive]      :
-q [--quiet]              : 가
--diff3-cmd arg          : arg merge
--relocate                : URL-rewriting URL
--username arg            : arg ID
--password arg            : arg
--no-auth-cache           :
--non-interactive         :
--config-dir arg          : arg

```

C:\>svn help unlock

```

unlock: URL
: unlock TARGET...

--force

:
--targets arg             : arg 가
--username arg            : arg ID
--password arg            : arg
--no-auth-cache           :
--non-interactive         :
--config-dir arg          : arg
--force                   :

```

C:\>svn help update

```

update (up): 가
: update [PATH...]

-r

A 가
D
U
C
G

```

'B'가 ,

```

:
-r [--revision] arg      : ARG (          ARG1:ARG2          )
                        가
                        :
                        NUMBER
                        '{' DATE '}'
                        'HEAD'
                        'BASE'
                        'COMMITTED' BASE
                        'PREV'      COMMITTED

-N [--non-recursive]    :
-q [--quiet]            : 가
--diff3-cmd arg         : arg merge
--username arg          : arg ID
--password arg          : arg
--no-auth-cache         :
--non-interactive       :
--config-dir arg        : arg
--ignore-externals      :      (svn:externals      )

```

C:\>svnsync

```
'svnsync help'
```

C:\>svnsync help

```
: svnsync SUBCOMMAND DEST_URL [ARGS & OPTIONS ...]
```

```
'svnsync help <subcommand>'
```

```
'svnsync --version'
```

```

가
:
initialize (init)
synchronize (sync)
copy-revprops
help (?, h)

```

C:\>svnsync help init

```
initialize (init):      : svnsync initialize DEST_URL SOURCE_URL
```

```
URL 가
```

```
가
```

```
, 'svnsync'
```

```
--non-interactive      :
```

```
--no-auth-cache        :
```

::

```
--username arg      : arg      ID      .  
--password arg      : arg      .  
--config-dir arg    : arg      .
```

C:\>svnsync help sync

synchronize (sync): : svnsync synchronize DEST_URL

```
:  
--non-interactive      :  
--no-auth-cache        :  
--username arg        : arg      ID      .  
--password arg        : arg      .  
--config-dir arg      : arg      .
```

C:\>svnsync help copy-revprops

copy-revprops: : svnsync copy-revprops DEST_URL REV

REV

```
:  
--non-interactive      :  
--no-auth-cache        :  
--username arg        : arg      ID      .  
--password arg        : arg      .  
--config-dir arg      : arg      .
```

[] [Subversion] Subversion