

User Commands

my-default-archive : print or change your default archive

usage: tla my-default-archive [options] [archive]

```
-A, --archive Override `my-default-archive'
-e, --errname specify program name for errors
-d, --delete  unspecify your default archive
-s, --silent  suppress reassuring messages
```

register-archive : change an archive location registration

usage: tla register-archive [options] [archive] location

```
-f, --force  overwrite existing location
-d, --delete delete archive registration
```

Project Tree Commands

init-tree : initialize a new project tree

usage: tla init-tree [options] [[archive]/version]

```
-A, --archive Override `my-default-archive'
-d, --dir DIR  cd to DIR first
--nested      initialize a nested project tree.
```

tree-version : print the default version for a project tree

usage: tla tree-version [options] [dir]

undo : undo and save changes in a project tree

usage: tla undo [options] [revision]

```
-A, --archive      Override `my-default-archive'
-d, --dir DIR      cd to DIR first
-o, --output PATCH-DIR save changeset in PATCH-DIR
-n, --no-output    do not save the changeset
-N, --forward      pass the --forward option to `patch'
-q, --quiet        no progress reports while computing changeset
```

redo : redo changes in project tree

usage: tla redo [options] [changeset]

```
-N, --forward pass the --forward option to `patch'
-k, --keep    do not delete the patch
-q, --quiet   no progress reports while computing changeset
-d, --dir DIR Operate on project tree in DIR (default `.`)
```

changes : report about local changes in a project tree

usage: tla changes [options] [revision] [-- limit...]

```
-A, --archive      Override `my-default-archive'.
-d, --dir DIR      Change to DIR first.
-o, --output DIR   Save changeset in DIR (implies --keep).
-v, --verbose      Verbose changeset report.
-q, --quiet        Suppress progress information
--diffs           Include diffs in the output.
-k, --keep         Don't remove the output directory on termination.
--link            hardlink unchanged files to revision library
```

file-diffs : show local changes to a file

usage: tla file-diffs [options] file [revision]

```
-A, --archive Override `my-default-archive'
-N, --new-file Treat missing file as empty
```

Project Tree Inventory Commands

inventory : inventory a source tree

usage: tla inventory [options] [--] [dir]*

```
-s, --source      list source files
-p, --precious   list precious files
-b, --backups     list backup files
-j, --junk        list junk files
-u, --unrecognized list unrecognized files
-t, --trees       list roots of nested trees

-d, --directories  list only directories
-f, --files       list only non-directories
-B, --both        list both dirs and files
--kind            indicate file kinds

--all             include arch control files
--nested         include nested trees

--ids            list with ids (source files only)
--untagged       include files that are missing ids

--explicit       use explicit file ids
--implicit       permit implicit file ids
--tagline        permit tagline file ids
--names          use name-based file ids
```

tree-lint : audit a source tree

usage: tla tree-lint [options] [dir]

```
-s, --broken-symlinks  Just list broken symlinks
-u, --unrecognized-files Just list files violating naming conventions
-t, --untagged-files   Just list files lacking inventory ids
-m, --missing-files    Just list inventory ids lacking corresponding files
-d, --duplicate-ids    Just list duplicated ids
--strict               exit with non-0 status on _any_ oddity
```

add-id : add an explicit inventory id

usage: tla add-id [options] file ...

```
-i, --id ID  Specify ID, instead of using auto-generated id.
```

delete-id : remove an explicit inventory id

usage: tla delete-id [options] file ...

rm : remove a file (or dir, or symlink) and its explicit inventory tag (if any)

usage: tla rm [options] file...

move-id : move an explicit inventory id

usage: tla move-id [options] from to

mv : move a file (or dir, or symlink) and its explicit inventory tag (if any)

usage: tla mv [options] from to OR from1 from2 ... dir

Patch Set Commands

changeset : compute a whole-tree changeset

usage: tla changeset [options] ORIG MOD DEST [files]

```
--file-list FILES  record only diffs of selected files
```

apply-changeset : apply a whole-tree changeset

usage: tla apply-changeset [options] CHANGES TARGET

```
-N, --forward pass the --forward option to `patch'
-r, --reverse Apply the changeset in reverse
```

show-changeset : generate a report from a changeset

usage: tla show-changeset [options] [dir]
--diffs include diff output

Archive Transaction Commands

make-archive : create a new archive directory

usage: tla make-archive [options] [name] location

-m, --mirror MASTER create mirror of specified archive
-M, --mirror-from MASTER-SOURCE create pull-based mirror of specified archive
-l, --listing Keep .listing files up-to-date in this archive.
-s, --signed GPG sign the contents of this archive.

import : archive a full-source base-0 revision

usage: tla import [options] [[archive]/version]

-A, --archive Override `my-default-archive'.
-d, --dir DIR Change to DIR first.
-l, --log FILE Commit with log file FILE.
-s, --summary TEXT log with summary TEXT plus log-for-merge output
-L, --log-message TEXT log with TEXT
-S, --setup Use `archive-setup' if necessary.

commit : archive a changeset-based revision

usage: tla commit [options] [[archive]/version] [-- file ...]

-A, --archive Override `my-default-archive'
-d, --dir DIR cd to DIR first
-l, --log FILE commit with log file FILE
-s, --summary TEXT log with summary TEXT plus log-for-merge output
-L, --log-message TEXT log with TEXT plus log-for-merge output
--strict strict tree-lint
--seal create a version-0 revision
--fix create a versionfix revision
--out-of-date-ok commit even if out of date
--file-list FILE commit only changes to files listed in FILE

get : construct a project tree for a revision

usage: tla get [options] revision [dir]

-A, --archive Override `my-default-archive'
--cache DIR cache root for trees with pristines
--no-pristine don't save a pristine copy
--link hardlink files to revision library instead of copying
--library ensure the revision is in a revision library
--sparse add library entries sparsely (--link, --library)
--non-sparse add library entries densely (--link, --library)
-s, --silent no output
--no-greedy-add do not allow greedy libraries to add revisions

archive-mirror : update an archive mirror

usage: tla archive-mirror [options] [from [to] [limit]]

--no-cached don't copy cached revisions
-s, --summary print the summary of each patch
--cached-tags copy only cachedrevs for tags to other archives

Patch Log Commands

logs : list patch logs for a version in a project tree

usage: tla logs [options] [[archive]/version ...]

-A, --archive Override `my-default-archive'
-d, --dir DIR cd to DIR first
-r, --reverse sort from newest to oldest
-s, --summary print the summary of each patch
-c, --creator print the creator of each patch
-D, --date print the date of each patch
--local-merges list merges from the same archive
--foreign-merges list merges from other archives
--merges list all merges

-f, --full print full patch level names

cat-log : print the contents of a project tree log entry

usage: tla cat-log [options] revision-spec

-A, --archive Override `my-default-archive'
-d, --dir DIR cd to DIR first

Commands for Branching and Merging

tag : create a continuation revision (aka tag or branch)

usage: tla tag [options] SOURCE-REVISION TAG-VERSION

-A, --archive Override `my-default-archive'
-l, --log FILE commit with log file FILE
--no-cacherev Do not cacherev tag even if different archive
--seal create a version-0 revision
--fix create a versionfix revision
-S, --setup use `archive-setup' if necessary.

update : update a project tree to reflect recent archived changes

usage: tla update [options] [version/revision]

-A, --archive Override `my-default-archive'
-d, --dir DIR Update project tree in DIR (default `.`)
-N, --forward pass the --forward option to `patch'
--dest DEST Instead of modifying the project tree in-place, make a copy of it to DEST and apply the result to that

replay : apply revision changesets to a project tree

usage: tla replay [options] [version/revision...]

-A, --archive Override `my-default-archive'
--list FILE read a list of patches to apply
--new replay only new patches
--reverse reverse the named patch
-N, --forward pass the --forward option to `patch'
-d, --dir DIR Operate on project tree in DIR (default `.`)
--dest DEST Instead of modifying the project tree in-place, make a copy of it to DEST and apply the result to that
--skip-present skip patches that contain 1 or more patch logs already in this tree

star-merge : merge mutually merged branches

usage: tla star-merge [options] [FROM]

-A, --archive Override tree archive
-c, --changes OUTPUT Generate but don't apply the changeset.
-r, --reference VERSION Set reference version (default: project tree version)
-N, --forward pass the --forward option to `patch'
-t, --three-way Perform a 3-way (diff3-style) merge.
-d, --dir DIR Operate on project tree in DIR (default `.`)

missing : print patches missing from a project tree

usage: tla missing [options] [revision]

-A, --archive Override `my-default-archive'
-d, --dir DIR cd to DIR first
-r, --reverse sort from newest to oldest
-s, --summary display a summary of each missing patch
-c, --creator display the creator of each missing patch
-D, --date display the date of each missing patch
-f, --full print full revision names
--merges print a merge list for each missing patch
--skip-present skip patches that contain 1 or more patch logs already in this tree