



AccuRev® Command Line Interface Quick Reference

The AccuRev Command Line Interface (CLI) allows you to quickly perform AccuRev commands while at the Windows DOS prompt or a UNIX/Linux command shell. You can also use the CLI within a shell script, batch file, or scripting language.

Command Format

All AccuRev commands have the following format:

```
> accurev <command name> <options and arguments>
```

For example, the following command adds a new file to the AccuRev server with a comment.

```
> accurev add -c "adding new file" file1.txt
```

To view information, including format and options, for any AccuRev command, type:

```
> accurev Help <command name>
```

For example: **> accurev Help add**

To view alternate levels of Help, add options:

-s or -u -- Short: Displays command name, summary description, and syntax.

-v -- Verbose: Displays all information.

For example: **> accurev Help add -v**

General Commands

help - Displays help for all AccuRev CLI commands.

login - Logs into an AccuRev server.

logout - Logs out from an AccuRev server.

Developer Commands

add - Places the initial version of a file on the AccuRev server.

keep - Places subsequent versions of a file on the AccuRev server where it remains private.

update - Retrieves all newer versions of a file from the stream that is above it.

promote - Moves a file into an AccuRev parent stream where it is accessible to others.

diff - Compares two versions of a file.

merge - Allows a developer to resolve differences between a workspace version and a stream version of a file.

anchor - Makes a file "active" so that it cannot be overwritten by another version of the file during an update.

co - Same as "anchor" except that it allows checking out older versions and overwriting the file in your workspace with those versions.

defunct - Removes an element from a particular workspace. The element remains visible in other streams and workspaces.

undefunct - Restores a previously removed element to a stream.

purge - Reverts a file in your workspace to the backed version in the stream.

revert - Undo a promote or purge transaction.

pop - Restores a file that is missing from the workspace by copying it from the parent stream. (Use to populate a workspace or stream with missing files.)

update - Retrieves all newer versions of a file from the stream that is above it. (Use to update stale files.)

touch - Updates the timestamp of a file.

Release Engineering Commands

mkws - Creates a new workspace.

chws - Changes the name, location, or definition of a workspace.

rmws - Deactivates a workspace.

move - Moves or renames elements.

lock - Locks a stream against promotions.

unlock - Unlocks a stream to enable promotions.

patch - Incorporates a set of changes from another workspace into the version within a workspace.

reactivate - Restores a reference tree, stream, user, or workspace to active service.

chstream - Changes the name, basis time, or backing stream of a stream.

mkstream - Creates a new stream.

mksnap - Creates a new snapshot.

remove - Deactivates a workspace, reference tree, stream, user, or group.

Administrative Commands

mkdepot - Creates a new depot.

mkuser - Registers a new user name.

addmember - Adds one or more members to a group.

chgroup - Renames a group.

chpasswd - Changes the password of a user.

chuser - Renames or relicenses a user.

ismember - Checks if a named user is a group member.

mkgroup - Creates a new group of users.

rmmember - Removes a user from a group.

secinfo - Shows a user's authorization level.

setpref - Sets one or more user preferences.

backup - Backs up the AccuRev metadata.

chslice - Changes the location of a depot as stored in the schema of the AccuRev database.

eacl - Configures element access control list security.

Informative Commands

files - Lists the files in a workspace or a directory.

hist - Shows the transaction history of elements or an entire depot.

info - Shows basic information about the current session.

show users - Lists all users.

show wspaces - Lists all workspaces.

stat - Displays the status of files in a workspace or elements in a stream. (Usually used to show the current version of an element.)

Include/Exclude Commands

clear - Removes an Include/Exclude rule.

excl - Excludes elements from a workspace or stream.

incl - Includes elements in a workspace or stream.

incldo - Includes just a directory, not its contents, in a workspace or stream.

lsrules - Shows the include/exclude rules for a workspace or stream.

mkrules - Sets or clears multiple include/exclude rules for a workspace or stream.

Frequently Used Advanced Commands

anc - Finds the ancestor of an element.

chws - Changes the name, location, or definition of a workspace.

diff - Compares two or more files.

hist - Shows the transaction history of elements or an entire depot.

merge - Allows a developer to resolve differences between a workspace version and a stream version of a file.

pop v. update - Pop restores missing files; Update overwrites stale files.

patch - Incorporates a set of changes from another workspace into the version within a workspace.

stat - Shows the element status.

undefunct - Restores a previously removed element to a stream.

xml - Supplements the CLI commands by specifying an XML file that contains requests for the AccuRev server.

Multiple Repositories

Use the -H option with any command to identify the AccuRev repository specific to the command. This option allows you to bypass the default repository.

For example: > **accurev show -H abc:6687 users**

For More Information

AccuRev CLI User's Guide:

<http://www.accurev.com/documentation.html>