



Bazaar

Quick Start Card

More Information

bzr help
<http://bazaar-vcs.org>

Initialization

New project
bzr init myproject

Existing project
cd myproject
bzr init
bzr add .

New branch
bzr branch mp myproject

New checkout
bzr checkout mp myproject

New "lightweight" checkout
bzr checkout --lightweight mp \
myproject

File Manipulation

Add/"version" files
bzr add foo.py
bzr add bar/

Remove/"unversion" files
bzr remove --keep foo.py

Remove and delete files
bzr remove --force foo.py

Version Control

Commit
bzr commit foo.py -m "foo"
bzr commit -m "the rest"

Undo last commit
bzr uncommit

Revert changes
bzr revert

Merging

Merge two branches
cd myproject
bzr merge ../myproject-foo
bzr commit

Pull changes from myproject
cd myproject-foo
bzr pull ../myproject

Update a checkout
bzr update

Auto-detect resolved conflicts
bzr resolve

Specify resolved conflict
bzr resolve foo.py

Concepts

Branch: line of development for a project

Working tree: version controlled directory

Repository: store for Bazaar revisions

Revision: version of the source code committed to the repository

Tag: named revision

Related branches: branches having a common ancestor

Merge: the operation of applying to a branch all the changes introduced by another one

Information

Working tree status
bzr status

Revision log
bzr log
bzr log foo.py

Working tree changes
bzr diff

foo.py changes
bzr diff foo.py

foo.py changes between revisions 1 and 3
bzr diff -r1..3 foo.py

Missing revisions
bzr missing

Branch information:
bzr info

Contents of foo.py at revision 3
bzr cat -r3 foo.py

Publishing

Push revisions
bzr push ../myproject-fo1

Push revisions remotely
bzr push sftp://host/myproject-fo1

Email a merge directive
bzr send

Create a merge directive
bzr send -o ../base.patch

Export current revision as a directory
bzr export ../myproject-dist/

Export current revision as an archive
bzr export ../myproject-dist.zip

Supported URL Prefixes

afpt:// Access using active FTP.

bzr:// Fast access using the Bazaar smart server.

bzr+ssh:// Fast access using the Bazaar smart server over SSH.

file:// Access using the standard filesystem (default)

ftp:// Access using passive FTP.

http:// Read-only access of branches exported on the web.

https:// Read-only access of branches exported on the web using SSL.

sftp:// Access using SFTP (most SSH servers provide SFTP).