



Bazaar

Quick Start Card

Initialization

Identify yourself

bzr whoami "Name <e-mail>"

New project

bzr init-repo <REPO_URL>

New branch

cd myproject/mybranch

bzr init

bzr add

bzr qcommit

bzr push <BNCH_URL>

New branch, copy of an existing branch

bzr branch <BNCH1_URL> <BNCH2_URL>

Branch checkout

bzr checkout <BNCH_URL>

Merging

Update a checkout

bzr update

List conflicts

bzr conflicts

Resolve conflicts

bzr resolve <FILE>

bzr resolve -all

Merge current and another branch

bzr merge <BNCH_URL>

bzr qcommit

File Manipulation

Add/"version" files

bzr qadd

Remove/"unversion" a file

bzr remove <FILE>

Move or rename a file

bzr move <FILE>

Variables

REPO_URL:

protocol://SERVER:PORT/REPOSITORY_NAME/

BNCH_URL:

protocol://SERVER:PORT/REPOSITORY_NAME/BRANCH_NAME/

FILE:

Windows or Linux file path

REV_ID:

specific revision no => 1, 2, 3, 4, ...

relative revision no => last:1, last:2, last:3, ...

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

Supported URL Prefixes

aftp://

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)

More information

bzr help / bzr help commands

<http://bazaar-vcs.org>

Information

Working tree status

bzr status

Revision log

bzr qlog

bzr qlog <FILE>

Working tree changes

bzr diff

bzr diff <FILE>

Missing revisions

bzr missing <BRANCH_URL>

Contents of file at a specific revision

bzr qcat -r <REV_ID> <FILE>

Publishing and Binding

Push revisions remotely (or publish your local branch as a new remote branch)

bzr push <BNCH_URL>

Unbind local branch

bzr unbind

Bind local branch to remote branch

bzr bind <BNCH_URL>