Bazaar
Quick Reference Card

Initialization

New project
```
bzr init myproject
```

Existing project
```
cd myproject
bzr init
bzr add .
```

New branch
```
bzr branch myproject newproject
```

New checkout
```
bzr checkout srcproject myproject
```

New "lightweight" checkout
```
bzr checkout --lightweight \
  srcproject myproject
```

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
```

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
```

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).

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
```

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
```