## Bazaar Quick Start Card

### 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`

### 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`

### Concepts
- **Branch:** a line of development for a project
- **Working tree:** a version controlled directory
- **Repository:** a store for Bazaar revisions
- **Revision:** a version of the source code committed to the repository
- **Tag:** a named revision
- **Related branches:** branches sharing 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).

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### More Information
- `bZR help`
- [http://bazaar-vcs.org](http://bazaar-vcs.org)

### Publishing
- **Push revisions**
  - `bZR push ../myproject-fol`
- **Push revisions remotely**
  - `bZR push sftp://host/myproject-fol`
- **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`