```
|                    |                                   |                     |                     |                       |
|      stash         |           workspace               |        index        |     local repos     |     remote repos      |
|                    |                                   |                     |                     |                       |
|                    | <-------------------+ |           |                     |                     |                       |
|                    | < clean             | |           |                     |                     |                       |
|                    | <-------------------+ |           |                     |                     |                       |
|                    | +-------------------------------------------+ |       |                     |                       |
|                    | |  status                                   | |       |                     |                       |
|                    | +-------------------------------------------+ |       |                     |                       |
|                    | +-------------------------------------------+ |       |                     |                       |
|                    | |  diff                                     | |       |                     |                       |
|                    | +-------------------------------------------+ |       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | |  add <file... or dir...>                         >       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | |  add -u                                          >       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | |  rm <file(s)...>                                 >       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | |  mv <file(s)...>                                 >       |                     |                       |
|                    | +------------------------------------------------->       |                     |                       |
|                    | <-------------------------------------------------+       |                     |                       |
|                    | < checkout <files(s)... or dir>                   |       |                     |                       |
|                    | <-------------------------------------------------+       |                     |                       |
|                    | +----------------------------------------------------------------------------+ |                     |                       |
|                    | |  diff <commit or branch>                                                   | |                     |                       |
|                    | +----------------------------------------------------------------------------+ |                     |                       |
|                    | +---------------------------------------------------------------------------------->                     |                       |
|                    | |  commit -a [-m 'msg']                                                             >                     |                       |
|                    | +---------------------------------------------------------------------------------->                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | < reset --hard                                                               |                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | < checkout <branch>                                                          |                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | < checkout -b <name of new branch>                                           |                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | < merge <commit or branch>                                                   |                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | < rebase <upstream>                                                          |                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | < cherry-pick <commit>                                                       |                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
|                    | < revert <commit>                                                            |                     |                       |
|                    | <----------------------------------------------------------------------------+                     |                       |
```

```
|            stash            |          workspace          |             index             |          local repos          |        remote repos        |
|                             |                             |                               |                               |                            |
|                             |                             | +--------------------+        |                               |                            |
|                             |                             | | reset HEAD         |        |                               |                            |
|                             |                             | |   <file(s)...>     |        |                               |                            |
|                             |                             | +--------------------+        |                               |                            |
|                             |                             | <--------------------------------------------------+         |                            |
|                             |                             | < reset --soft HEAD^                               |         |                            |
|                             |                             | <--------------------------------------------------+         |                            |
|                             |                             | +--------------------------------------------------+         |                            |
|                             |                             | | diff --cached [<commit>]                         |         |                            |
|                             |                             | +--------------------------------------------------+         |                            |
|                             |                             | +-------------------------------------------------->         |                            |
|                             |                             | | commit [-m 'msg']                                >         |                            |
|                             |                             | +-------------------------------------------------->         |                            |
|                             |                             | +-------------------------------------------------->         |                            |
|                             |                             | | commit --amend                                   >         |                            |
|                             |                             | +-------------------------------------------------->         |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               | | log                |        |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               | | diff <commit>      |        |                            |
|                             |                             |                               | |    <commit>        |        |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               | | branch             |        |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               | | branch -d <branch> |        |                            |
|                             |                             |                               | +--------------------+        |                            |
|                             |                             |                               |                               |                            |
```

```
|              stash              |    workspace     |       index      |    local repos   |   remote repos   |
|                                 |                  |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| | stash list          | |                        |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| | stash show          | |                        |                  |                  |                  |
| |    [<stash>]        | |                        |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| | stash drop          | |                        |                  |                  |                  |
| |    [<stash>]        | |                        |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| | stash clear         | |                        |                  |                  |                  |
| +---------------------+ |                        |                  |                  |                  |
| <----------------------------------------------+ |                  |                  |                  |
| < stash save [<msg>]                           | |                  |                  |                  |
| <----------------------------------------------+ |                  |                  |                  |
| +----------------------------------------------> |                  |                  |                  |
| | stash apply [<stash>]                        > |                  |                  |                  |
| +----------------------------------------------> |                  |                  |                  |
| +----------------------------------------------> |                  |                  |                  |
| | stash pop                                    > |                  |                  |                  |
| +----------------------------------------------> |                  |                  |                  |
| +--------------------------------------------------------------------------------------------> |         |
| | stash branch <branchname> [<stash>]                                                         > |         |
| +--------------------------------------------------------------------------------------------> |         |
|                                 |                  |                  |                  |                  |
```

```
|        stash          |            workspace            |              index             |            local repos            |            remote repos            |
|                       |                                 |                                |                                   |                                    |
|                       | <-------------------------------------------------------------------------------------------------------------------------------+ |
|                       | < clone <repo>                                                                                                              | |
|                       | <-------------------------------------------------------------------------------------------------------------------------------+ |
|                       |                                                                                                                             | |
|                       | <-------------------------------------------------------------------------------------------------------------------------------+ |
|                       | < pull <remote> <refspec>                                                                                                   | |
|                       | <-------------------------------------------------------------------------------------------------------------------------------+ |
|                       |                                                                                                                             | |
|                       | <-------------------------------------------------------------------------------------------------------------------------------+ |
|                       | < reset --hard <remote>/<branch>                                                                                            | |
|                       | <-------------------------------------------------------------------------------------------------------------------------------+ |
|                       |                                 |                                | <----------------------------------------------------------+ |
|                       |                                 |                                | < branch --track <new> <remote/branch>                     | |
|                       |                                 |                                | <----------------------------------------------------------+ |
|                       |                                 |                                | <----------------------------------------------------------+ |
|                       |                                 |                                | < fetch <remote> <refspec>                                 | |
|                       |                                 |                                | <----------------------------------------------------------+ |
|                       |                                 |                                | +---------------------------------------------------------->|
|                       |                                 |                                | | push                                                     > |
|                       |                                 |                                | +---------------------------------------------------------->|
|                       |                                 |                                | +---------------------------------------------------------->|
|                       |                                 |                                | | push <remote> <branch>                                   > |
|                       |                                 |                                | +---------------------------------------------------------->|
|                       |                                 |                                | +---------------------------------------------------------->|
|                       |                                 |                                | | push <remote> <branch>:<branch>                          > |
|                       |                                 |                                | +---------------------------------------------------------->|
|                       |                                 |                                |                                   | +--------------------+ |
|                       |                                 |                                |                                   | | branch -r          | |
|                       |                                 |                                |                                   | +--------------------+ |
|                       |                                 |                                |                                   | +--------------------+ |
|                       |                                 |                                |                                   | | push <remote>      | |
|                       |                                 |                                |                                   | |    :<branch>       | |
|                       |                                 |                                |                                   | +--------------------+ |
```