

25. NAVIGATING BRANCHES

Goals

- To learn how to navigate between the repository branches

Now your project has two branches:

RUN:

```
git hist --all
```

RESULT:

```
$ git hist --all
* 07a2a46 2011-03-09 | Updated index.html (HEAD, style) [Marina Pushkova]
* 649d26c 2011-03-09 | Hello uses style.css [Marina Pushkova]
* 1f3cbd2 2011-03-09 | Added css stylesheet [Marina Pushkova]
* 8029c07 2011-03-09 | Added index.html. (master) [Marina Pushkova]
* 567948a 2011-03-09 | Moved hello.html to lib [Marina Pushkova]
* 6a78635 2011-03-09 | Add an author/email comment [Marina Pushkova]
* fa3c141 2011-03-09 | Added HTML header (v1) [Marina Pushkova]
* 8c32287 2011-03-09 | Added standard HTML page tags (v1-beta) [Marina Pushkova]
* 43628f7 2011-03-09 | Added h1 tag [Marina Pushkova]
* 911e8c9 2011-03-09 | First Commit [Marina Pushkova]
```

Switching to the Master branch

To switch between branches simply use the `git checkout` command.

RUN:

```
git checkout master
cat lib/hello.html
```

RESULT:

```
$ git checkout master
Switched to branch 'master'
$ cat lib/hello.html
<!-- Author: Marina Pushkova (marina@githowto.com) -->
<html>
  <head>
  </head>
  <body>
    <h1>Hello, World!</h1>
  </body>
</html>
```

Now we are on the Master branch. It can be proven by the `hello.html` file that does not use styles from `style.css`.

Let us return to the style branch.

RUN:

```
git checkout style
cat lib/hello.html
```

RESULT:

```
$ git checkout style
Switched to branch 'style'
$ cat lib/hello.html
<!-- Author: Marina Pushkova (marina@githowto.com) -->
<html>
  <head>
    <link type="text/css" rel="stylesheet" media="all" href="style.css"
  />
  </head>
  <body>
    <h1>Hello, World!</h1>
  </body>
</html>
```

We are back to a **style** branch that can be proven by the contents of `lib/hello.html`.