

24. CREATING A BRANCH

Goals

- To learn how to create a local branch in the repository

It is time to make our hello world more expressive. Since it may take some time, it is best to move these changes into a new branch to isolate them from master branch changes.

Create a branch

Let us name our new branch «style».

RUN:

```
git checkout -b style
git status
```

Note: `git checkout -b <branch name>` is the shortcuts for `git branch <branch name>` followed by a `git checkout <branch name>`.

Note that the `git status` command reports that you are in the style branch.

Add style.css file

RUN:

```
touch lib/style.css
```

FILE: *LIB/STYLE.CSS*

```
h1 {
  color: red;
}
```

RUN:

```
git add lib/style.css
```

```
git commit -m "Added css stylesheet"
```

Change the main page

Update the `hello.html` file, to use `style.css`.

FILE: *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>
```

RUN:

```
git add lib/hello.html
git commit -m "Hello uses style.css"
```

Change index.html

Update the `index.html` file, so it could use `style.css`

FILE: *INDEX.HTML*

```
<html>
  <head>
    <link type="text/css" rel="stylesheet" media="all"
href="lib/style.css" />
  </head>
  <body>
    <iframe src="lib/hello.html" width="200" height="200" />
  </body>
</html>
```

RUN:

```
git add index.html
```

```
git commit -m "Updated index.html"
```

Next

We now have a new branch named `style` with three new commits. Next lesson will show how to navigate and switch between branches.

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25. Navigating Branches >

We plan to roll-out a major upgrade to this tutorial pretty soon. We can keep you posted if you want.

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