git - Part 1

The lesson images are taken from git site.

For more information see git-book and git-doc.

See also github for details.

Download a Git repository and check the current status

Clone the repository using the link `<link>`:

```
git clone <link>
```

The repository is now downloaded in the folder `<folder_path>`. Move inside the folder:

```
cd <folder_path>
```

Check the status of the repository:

```
git status
```

Add new file inside the repository and save it on the remote server

Inside the folder create a new file called `<new_file>`. To add the new file to git use the command:

```
git add <new_file>
```

To confirm the changes use the command:

```
git commit -m "<comment>"
```

where `<comment>` is a brief description of the actions.

Finally, to publish the changes online use:

```
git push
```

Update the local repository and align with the remote server status

To update the local repository use:

```
git pull
```

Publish local changes to remote server

Modify the files. When you finish the changes, then add the local changes to git with the command:

```
git add -u
```

To confirm the changes use the command:

```
git commit -m "<comment>"
```

where `<comment>` is a brief description of the actions.

Finally, to publish the changes online use:

```
git push
```

NB: to check the changes of git during the commands use always:

```
git status
```

NB: to revert the add actions use the command:

```
git restore
```