**Pre-Configuration in Jenkins for building jobs**

* Click on your github avatar
* Select Settings
* Select Developer Settings
* Select Personal Access Token
* Enter your github password
* Click generate new token
* Enter meaningful name
* Select permissions: admin:repo\_hook, repo
* Generate token
* Copy token. Be careful, this is your only chance to copy it.

**Jenkins Global credentials**

* Using github token, you will create jenkins global credential.
* In jenkins, click credentials
* Click global (any of provided links)
* On left, click Add credentials
* For kind select secret text
* For scope leave Global option
* In secret, paste github token.
* Enter meaningful description. Trust me, this is very important, otherwise you will not be able to select this credentials.

**Jenkins Github settings**

* Manage Jenkins
* Configure System
* Scroll down to Github settings
* Add github server
* Set meaningful name
* Leave default API url
* Select credentials created in previous step.
* Click apply
* Click test connection. Following message should appear: Credentials verified for user xxx, rate limit: 4998