How to download a file in restAssured?

We are going to download a file and compare the downloaded file with existing file.

Here,we are downloading a file manually in UI and saving in root path of the project.

And we are sending the request url in get call and downloading the file in eclipse using rest assured and then comparing the size of both the files.

How to get the get request without clicking the download link?

e.g. open settings🡪more tools🡪developer tools🡪network console.

click manually any of the download link.

Click link downloaded in the network console🡪headers🡪u can see the request url and header info.

**public** **class** filedownloadtest {

// download a file and compare with expected file that is saved in root path

// check the size of file

@Test

**public** **void** filedownloadtest() {

// read the ip file and check the size of file

// better to use File.separator,so that we can run it in any machine.it will

// automatically separate the file.

File ip = **new** File(System.*getProperty*("user.dir") + File.***separator*** + "geckodriver-v0.24.0-linux32 (5).tar.gz");

**int** size = (**int**) ip.length();

System.***out***.println("size of expected file is :" + size + "bytes");

// download the file

// https://github.com/mozilla/geckodriver/releases/download/v0.24.0/geckodriver-v0.24.0-linux32.tar.gz

**byte**[] actualvalue = *given*().when().get(

"https://github.com/mozilla/geckodriver/releases/download/v0.24.0/geckodriver-v0.24.0-linux32.tar.gz")

.then().extract().asByteArray();

System.***out***.println("size of expected file is :" + actualvalue.length + "bytes");

Assert.*assertEquals*(size, *equalTo*(actualvalue.length));

}

//here,extract it as bytearray and then assert with actual file