

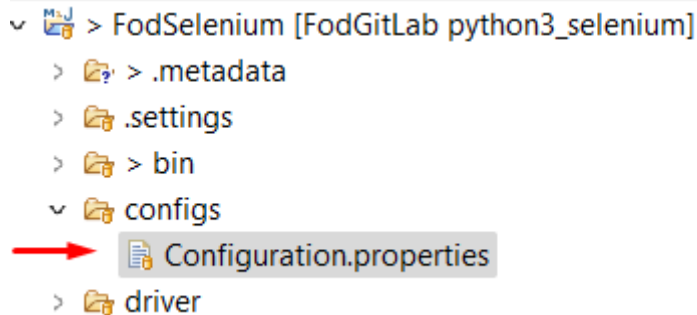
## Why configurations are needed

The configuration file is needed to set up tests.

## Where to find the configuration file

The configuration file can be found in the following path:

..\Tests\SeleniumJava\FodSelenium\configs



## Configuration fields

At the time of writing this documentation, the following fields are recorded in the configuration file:

driverPath=..\driver\chromedriver.exe - path to driver

implicitlyWait=10 - is used to tell the web driver to wait for a certain amount of time before it throws a "No Such Element Exception". The default setting is 0.

url=http://81.180.84.150:8080 - url to the website

login=admin - login for authentication

password=1 - password for authentication

sourceIPAddress=1.0.0.0/8 - source IP address for rule creation

destinationIPAddress=0.0.0.0/0 - destination IP address for rule creation

ruleName=ruleName - rule name for rule creation

SQLURL=jdbc:mysql://83.97.93.78:3306/fod - DB type, location (URL) and name.

SQLPass= - password for db

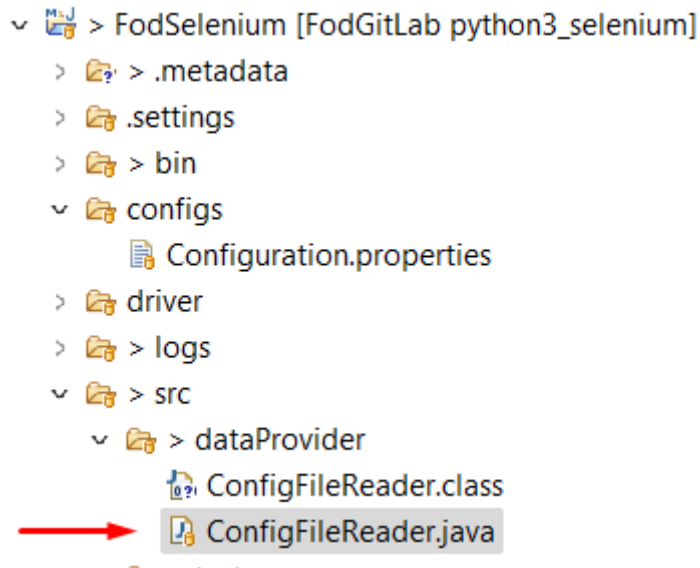
SQLUsr=root - user name for db

APIToken=d956d48d09fa4911830881229dbf7ab95dbe1d8a - API Token. Created in the user profile.

SpecificItemIdForRESTAPI=1 - Rule IP for REST API testing.

## How to add new field in configuration

- 1) Add new field in Configuration.properties file.
- 2) Open..\Tests\SeleniumJava\FodSelenium\src\dataProvider\ConfigFileReader.java



3) Add new method for reading your field

```
package dataProvider;

import java.io.BufferedReader;

public class ConfigFileReader {
    private Properties properties;
    private final String propertyFilePath= "configs//Configuration.properties";

    public ConfigFileReader(){
        BufferedReader reader;
        try {
            reader = new BufferedReader(new FileReader(propertyFilePath));
            properties = new Properties();
            try {
                properties.load(reader);
                reader.close();
            } catch (IOException e) {
                e.printStackTrace();
            }
            catch (FileNotFoundException e) {
                e.printStackTrace();
                throw new RuntimeException("Configuration.properties not found at " + propertyFilePath);
            }
        }

        public String getDriverPath(){
            String driverPath = properties.getProperty("driverPath");
            if(driverPath!= null) return driverPath;
            else throw new RuntimeException("driverPath not specified in the Configuration.properties file.");
        }
    }
}
```

getDrivePath – name of the method

driverPath – name of the field

4) Add the declaration to your test class:

```
static ConfigFileReader configFileReader = new ConfigFileReader();
```

5) Call the method where needed

```
try {
    driver.findElement(By.id("id_username")).sendKeys(configFileReader.getUserLogin());
}
```