**private** **static** String *getURL*="https://devnet.kentico.com";

**public** **static** String getGetURL() {

**return** *getURL*;

}

WebDriver driver; // its an example of method overloading

**public** **static** WebDriver getdriver(String driverName,WebDriver driver) {

**if**(driverName.equalsIgnoreCase("chrome")) {

System.*setProperty*("webriver.chrome.driver", "./Drivers/chromedriver.exe");

driver=**new** ChromeDriver();

}

**if**(driverName.equalsIgnoreCase("opera")) {

System.*setProperty*("webriver.opeara.driver", "./Drivers/operadriver.exe");

driver=**new** OperaDriver();

}

**else** **if**(driverName.equalsIgnoreCase("geckodriver")) {

System.*setProperty*("webdriver.gecko.driver","./Drivers/geckodriver.exe");

driver=**new** FirefoxDriver();

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(20,TimeUnit.***SECONDS***);// to load the whole page= implicity and explicity is fro spacifice web elements

}

**return** driver;

}

}

What did you do your current project?

See Notebook and then continue

We use cucumber for testing purpose.

Given when then are my cucumber annotation.

Testing for report generating.

I use git hub for version control.

Jenkis for continuous integration CI.

I create some packages classes like base class, page object model class step deff class, testng runner class, utility class, folders-like cucumber feature folder , config folder,driver folder , files as per my requirements.in the feature file I write my test case using gerkhin language, I use the key words like feature , scenario or scenario outline, given, when, then.we use driver folder to keep the browser. We create .xml file to connect testing runner package and class.

* Crossbrowser test is when we run same test in multiple browser

Testng runner class: 1st I import cucumber options annotation.

Here I use features key word to connect the feature folder.

Then use glue key word to connect step definition package.

Then tags key word to connect the test cases.

I have to extend this class with “AbstracTestNGCucumberTests”

This an example an abstract class.

Then we run the feature file, then my console should show me the missing steps, I just copy it to my step deff class.

Now we gonna go to base class :

In my base class write all common coding for reusability and it is my pereent class

Like we use method , System.setproperty, windo maximize, get url. These are all abstarct method and they are coming from webdriver interface.

I have to import selenium interface Webdriver.

Then we go to page object model class:

Page object model is a object repository class., or element repository class. We keep all locator and webelements here.

First we declare instance variable which is webdriver.

Then I create a constrictor same as class name. then we pass the local variable , then I use this key word to declare instance to local variable. After that I use pagefactory concept.

Pagefactory concept: it is another selenium interface.

I use initelemen method: we have 4 elitelements methods, which is another example of abstract method, method overloading.

After I use @findby, which is a selenium annotation.

I use private access modifier to delare my WebElement(it is an selenium interface), I use private to hide my codes.

And I use getter methods to use my code from another class.

We conetnct common and page object class to step class

By given when then annotation. For this have to use page factory concept and I get the initelements method