**LISTENERS**

Listener is defined as interface that modifies the default TestNG’s behavior.

As the name suggests Listeners “listen” to the event defined in the selenium script and behave accordingly.

It is used in selenium by implementing Listeners Interface.

It allows customizing TestNG reports or logs.

**There are many types of TestNG listeners available.**

1. IAnnotationTransformer ,
2. IAnnotationTransformer2 ,
3. IConfigurable ,
4. IConfigurationListener ,
5. IExecutionListener,
6. IHookable ,
7. IInvokedMethodListener ,
8. IInvokedMethodListener2 ,
9. IMethodInterceptor ,
10. IReporter,
11. ISuiteListener,
12. ITestListener .

Above Interface are called TestNG Listeners. These interfaces are used in selenium to generate logs or customize the TestNG reports.

* **OnStart-** OnStart method is called when any Test starts.
* **onTestSuccess-** onTestSuccess method is called on the success of any Test.
* **onTestFailure-** onTestFailure method is called on the failure of any Test.
* **onTestSkipped-**onTestSkippedmethod is called on skipped of any Test.
* **onTestFailedButWithinSuccessPercentage-**method is called each time Test fails but is within success percentage.
* **onFinish-**onFinish method is called after all Tests are executed.