Extent Report:

1. Make sure you have the extentreports dependency in your project pom file

<dependency>

<groupId>com.relevantcodes</groupId>

<artifactId>extentreports</artifactId>

<version>2.41.2</version>

</dependency>

1. You should have the Reportxconfig.xml file placed under the project. What does this do – This has got the configuration as in what should be title, name, time format, etc. of the reports
2. You should have file ExtenetManager.java class under util package of the project
3. It has function known as getInstance – It is a public and static function. This is getInstance should be called from the test files. Once it is called it will first check, if it’s null, if it is null – It will create an object of extentreports and path where to create this report. It also has code to generate and save the reports with the time stamp , so that it does not get overridden
4. The ExtentReport.getInstance is called before the beginning of the report and is saved to a variable which is pointing to the Extentreports.
5. With the variable extent – extent. StartTest(“String Test name”) is called which is saved to a variable pointing to internal class called ExtentTest
6. And then with this test. Log (“ ” , “ ”) is called

How best to all logging in each test case class ?

In the base test case class you have defined , and since all other test class extends the base test case class , the logging function can be directly called without defining it in very test case class

Public ExtentReports extent = ExtentManager.*getInstance*();

Public ExtentTest test

test = extent.startTest("Login Test");

test.log(LogStatus.***INFO***, "Starting Logging Test");

Similarly, it is important to flush the reports , so define it in @AfterMethod

@AfterMethod

**public** **void** quit() {

extent.endTest(test);

extent.flush();

}

}

How best to extend use of logging in other class files also apart from test file?