Cucumber Integration with Extent Report

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This section will guide you to:

Setup Cucumber eclipse plugin, Maven project set up, and Extent report set up

**Development Environment:**

* JRE: OpenJDK Runtime Environment 11.0.2
* Eclipse IDE for Enterprise Java Developers v2019-03 (4.11.0)
* TestNG
* Selenium jars
* Cucumber jars

IntegratingCucumber with Extent Report

* In POM.Xml please add below maven dependencies.
* <dependency>
* <groupId>com.aventstack</groupId>
* <artifactId>extentreports</artifactId>
* <version>3.0.6</version>
* </dependency>
* <dependency>
* <groupId>com.vimalselvam</groupId>
* <artifactId>cucumber-extentsreport</artifactId>
* <version>3.0.2</version>
* Add ***extent-config.xml*** *file under test/resources in your maven project.*

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* *And add below code inside it.*
* <?xml version="1.0" encoding="UTF-8"?>
* <extentreports>
* <configuration>
* <!-- report theme -->
* <!-- standard, dark -->
* <theme>standard</theme>
* <!-- document encoding -->
* <!-- defaults to UTF-8 -->
* <encoding>UTF-8</encoding>
* <!-- protocol **for** script and stylesheets -->
* <!-- defaults to https -->
* <protocol>https</protocol>
* <!-- title of the document -->
* <documentTitle>ExtentReports 2.0</documentTitle>
* <!-- report name - displayed at top-nav -->
* <reportName></reportName>
* <!-- report headline - displayed at top-nav, after reportHeadline -->
* <reportHeadline>Automation Report</reportHeadline>
* <!-- global date format override -->
* <!-- defaults to yyyy-MM-dd -->
* <dateFormat>yyyy-MM-dd</dateFormat>
* <!-- global time format override -->
* <!-- defaults to HH:mm:ss -->
* <timeFormat>HH:mm:ss</timeFormat>
* <!-- custom javascript -->
* <scripts>
* <![CDATA[
* $(document).ready(function() {
* });
* ]]>
* </scripts>
* <!-- custom styles -->
* <styles>
* <![CDATA[
* ]]>
* </styles>
* </configuration>
* </extentreports>
* ● In the Runner File under plugin add below code.
* Plugin={“com.cucumber.listener.ExtentCucumberFormatter:target/html/ExtentReport.html “}
* ● Also add below code in After **class** of runner file.
* **public** **class** TestRunner
* {
* @AfterClass
* **public** **static** **void** setup()
* {
* Reporter.loadXMLConfig(**new** File("src/test/resources/extent-config.xml"));
* Reporter.setSystemInfo("User Name", "AJ");
* Reporter.setSystemInfo("Application Name", "Test App ");
* Reporter.setSystemInfo("Operating System Type", System.*getProperty*("os.name").toString());
* Reporter.setSystemInfo("Environment", "Production");
* Reporter.setTestRunnerOutput("Test Execution Cucumber Report");
* }
* }
* Now, after executing the code extent report would be generated inside /target/html folder and it would be looking something like this



