Practice Project: Assisted Practice

WebDriver Installation and Integration in Eclipse

Screenshots:

The Selenium Standalone Server jar files were downloaded and added to the java project in the Eclipse. There following screenshot show it clearly.

Screenshot 1 — Eclipse IDE, Properties for selenium (Java Build Path):

4)selenium - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- selenium [phase 1 master]
  - src
  - JRE System Library [JavaSE-15]
  - Referenced Libraries

Properties for selenium

Java Build Path

type filter text

- Resource
  Builders
  Coverage
  Git
  Java Build Path
- Java Code Style
- Java Compiler
  Javadoc Location
- Java Editor
  Project Natures
  Project References
  Refactoring History
  Run/Debug Settings
  Task Tags
- Validation
  WikiText

Source Projects Libraries Order and Export Module Dependencies

JARs and class folders on the build path:

- selenium-api-4.10.0-sources.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-chrome-driver-4.10.0.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-chrome-driver-4.10.0-sources.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-chromium-driver-4.10.0.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-chromium-driver-4.10.0-sources.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v112-4.10.0.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v112-4.10.0-sources.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v113-4.10.0.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v113-4.10.0-sources.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v114-4.10.0.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v114-4.10.0-sources.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v85-4.10.0.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-devtools-v85-4.10.0-sources.jar - E:\Mphasis\phase 1\4)selenium\jar
- selenium-edge-driver-4.10.0.jar - E:\Mphasis\phase 1\4)selenium\jar

Add JARs...
Add External JARs...
Add Variable...
Add Library...
Add Class Folder...
Add External Class Folder...
Edit...
Remove
Migrate JAR File...

Apply

Apply and Close   Cancel

Problems Javadoc Declaration Console

No consoles to display at this time.

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Screenshot 2 — Eclipse IDE, Referenced Libraries expanded:

4)selenium - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Referenced Libraries
  - async-http-client-2.12.3.jar - E:\Mphasis\phase 1\4)sele
  - async-http-client-netty-utils-2.12.3.jar - E:\Mphasis\pha
  - auto-common-1.2.1.jar - E:\Mphasis\phase 1\4)seleniur
  - auto-service-1.0.1.jar - E:\Mphasis\phase 1\4)selenium\
  - auto-service-annotations-1.0.1.jar - E:\Mphasis\phase 1
  - byte-buddy-1.14.4.jar - E:\Mphasis\phase 1\4)selenium\
  - checker-qual-3.12.0.jar - E:\Mphasis\phase 1\4)selenium
  - commons-exec-1.3.jar - E:\Mphasis\phase 1\4)selenium
  - error_prone_annotations-2.11.0.jar - E:\Mphasis\phase 1
  - failsafe-3.3.1.jar - E:\Mphasis\phase 1\4)selenium\jar\lil
  - failureaccess-1.0.1.jar - E:\Mphasis\phase 1\4)selenium\
  - guava-31.1-jre.jar - E:\Mphasis\phase 1\4)selenium\jar\
  - j2objc-annotations-1.3.jar - E:\Mphasis\phase 1\4)selen
  - jakarta.activation-1.2.2.jar - E:\Mphasis\phase 1\4)selen
  - jsr305-3.0.2.jar - E:\Mphasis\phase 1\4)selenium\jar\lib
  - listenablefuture-9999.0-empty-to-avoid-conflict-with-g
  - netty-buffer-4.1.92.Final.jar - E:\Mphasis\phase 1\4)sele
  - netty-codec-4.1.92.Final.jar - E:\Mphasis\phase 1\4)sele
  - netty-codec-http-4.1.92.Final.jar - E:\Mphasis\phase 1\4
  - netty-codec-socks-4.1.92.Final.jar - E:\Mphasis\phase 1\4)
  - netty-common-4.1.92.Final.jar - E:\Mphasis\phase 1\4)s
  - netty-handler-4.1.92.Final.jar - E:\Mphasis\phase 1\4)sel
  - netty-handler-proxy-4.1.92.Final.jar - E:\Mphasis\phase 1
  - netty-reactive-streams-2.0.4.jar - E:\Mphasis\phase 1\4)
  - netty-resolver-4.1.92.Final.jar - E:\Mphasis\phase 1\4)se
  - netty-transport-4.1.92.Final.jar - E:\Mphasis\phase 1\4)s
  - netty-transport-classes-epoll-4.1.92.Final.jar - E:\Mphas
  - netty-transport-classes-kqueue-4.1.92.Final.jar - E:\Mph
  - netty-transport-native-epoll-4.1.92.Final.jar - E:\Mpha
  - netty-transport-native-kqueue-4.1.92.Final.jar - E:\Mpha
  - netty-transport-native-unix-common-4.1.92.Final.jar - E
  - opentelemetry-api-1.26.0.jar - E:\Mphasis\phase 1\4)se
  - opentelemetry-api-events-1.26.0-alpha.jar - E:\Mphasis
  - opentelemetry-api-logs-1.26.0-alpha.jar - E:\Mphasis\p
  - opentelemetry-context-1.26.0.jar - E:\Mphasis\phase 1\
  - opentelemetry-exporter-logging-1.26.0.jar - E:\Mphasis

Outline
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Package Explorer

- opentelemetry-semconv-1.26.0-alpha.jar - E:\Mphasis\
- reactive-streams-1.0.4.jar - E:\Mphasis\phase 1\4)seleni
- selenium-api-4.10.0.jar - E:\Mphasis\phase 1\4)selenium
- selenium-api-4.10.0-sources.jar - E:\Mphasis\phase 1\4)
- selenium-chrome-driver-4.10.0.jar - E:\Mphasis\phase 1
- selenium-chrome-driver-4.10.0-sources.jar - E:\Mphasis
- selenium-chromium-driver-4.10.0.jar - E:\Mphasis\phase
- selenium-chromium-driver-4.10.0-sources.jar - E:\Mpha
- selenium-devtools-v112-4.10.0.jar - E:\Mphasis\phase 1
- selenium-devtools-v112-4.10.0-sources.jar - E:\Mphasis
- selenium-devtools-v113-4.10.0.jar - E:\Mphasis\phase 1
- selenium-devtools-v113-4.10.0-sources.jar - E:\Mphasis
- selenium-devtools-v114-4.10.0.jar - E:\Mphasis\phase 1
- selenium-devtools-v114-4.10.0-sources.jar - E:\Mphasis
- selenium-devtools-v85-4.10.0.jar - E:\Mphasis\phase 1\
- selenium-devtools-v85-4.10.0-sources.jar - E:\Mphasis\
- selenium-edge-driver-4.10.0.jar - E:\Mphasis\phase 1\4
- selenium-edge-driver-4.10.0-sources.jar - E:\Mphasis\p
- selenium-firefox-driver-4.10.0.jar - E:\Mphasis\phase 1\
- selenium-firefox-driver-4.10.0-sources.jar - E:\Mphasis\
- selenium-http-4.10.0.jar - E:\Mphasis\phase 1\4)seleniu
- selenium-http-4.10.0-sources.jar - E:\Mphasis\phase 1\
- selenium-ie-driver-4.10.0.jar - E:\Mphasis\phase 1\4)sel
- selenium-ie-driver-4.10.0-sources.jar - E:\Mphasis\phas
- selenium-java-4.10.0.jar - E:\Mphasis\phase 1\4)seleniu
- selenium-java-4.10.0-sources.jar - E:\Mphasis\phase 1\
- selenium-json-4.10.0.jar - E:\Mphasis\phase 1\4)seleniu
- selenium-json-4.10.0-sources.jar - E:\Mphasis\phase 1\
- selenium-manager-4.10.0.jar - E:\Mphasis\phase 1\4)se
- selenium-manager-4.10.0-sources.jar - E:\Mphasis\phas
- selenium-remote-driver-4.10.0.jar - E:\Mphasis\phase 1
- selenium-remote-driver-4.10.0-sources.jar - E:\Mphasis\
- selenium-safari-driver-4.10.0.jar - E:\Mphasis\phase 1\4
- selenium-safari-driver-4.10.0-sources.jar - E:\Mphasis\p
- selenium-support-4.10.0.jar - E:\Mphasis\phase 1\4)sele
- selenium-support-4.10.0-sources.jar - E:\Mphasis\phase
- slf4j-api-2.0.7.jar - E:\Mphasis\phase 1\4)selenium\jar\j

Outline

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