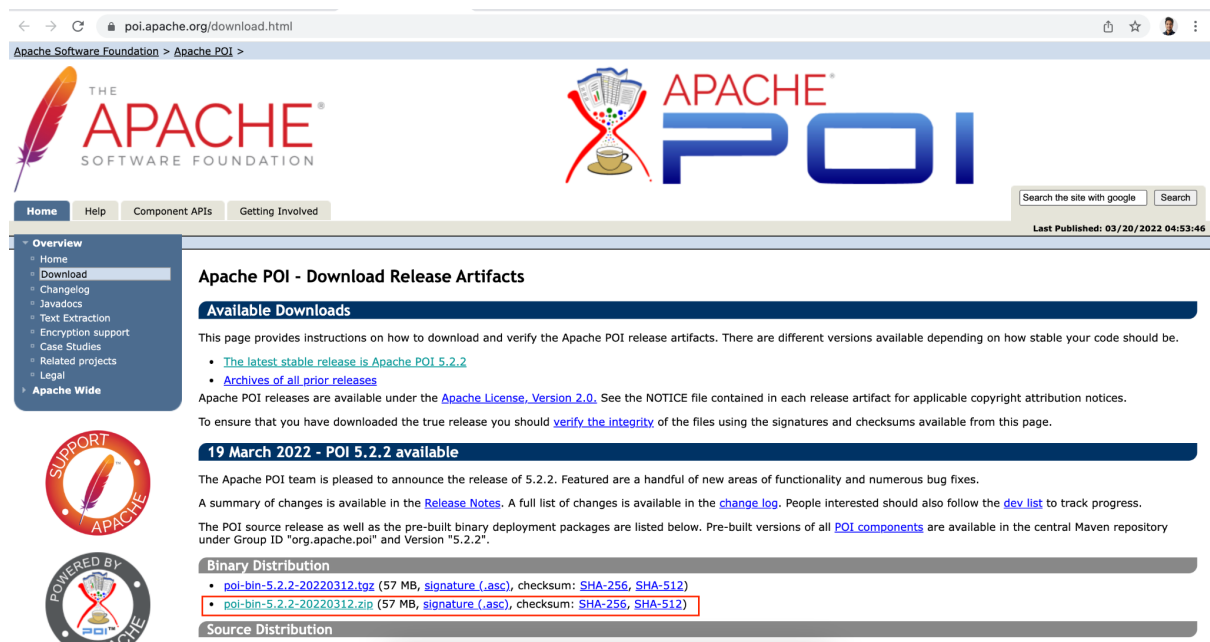


How to take screenshot in selenium

- A Screenshot in Selenium Webdriver is used for defect analysis.
- If users need to capture a screenshot then they need to use the **TakeScreenshot** interface which notifies the WebDriver to take the screenshot and store it in Selenium.
- Taking Screenshot in Selenium is as follows
 - Import the apache poi library into the selenium.
 - Go to <https://poi.apache.org/download>
 - Click on the “[poi-bin-5.2.2-20220312.zip](#)” file as shown in the first screenshot.
 - Click on the first link as shown in the second screenshot then your file starts downloading.
 - After downloading, extract the file into the folder.
 - After extracting the file, Import the all jar files which are inside the folder into the selenium project
 - How to import >> Right click on project > Click on build path > Click on configure build path > Click on library > Click on classpath > Click on Add external JARs > Select all files from extracted folder > Click on apply and close.



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Apache POI - Download Release Artifacts

Available Downloads

This page provides instructions on how to download and verify the Apache POI release artifacts. There are different versions available depending on how stable your code should be.

- [The latest stable release is Apache POI 5.2.2](#)
- [Archives of all prior releases](#)

Apache POI releases are available under the [Apache License, Version 2.0](#). See the NOTICE file contained in each release artifact for applicable copyright attribution notices.

To ensure that you have downloaded the true release you should [verify the integrity](#) of the files using the signatures and checksums available from this page.

19 March 2022 - POI 5.2.2 available

The Apache POI team is pleased to announce the release of 5.2.2. Featured are a handful of new areas of functionality and numerous bug fixes.

A summary of changes is available in the [Release Notes](#). A full list of changes is available in the [change log](#). People interested should also follow the [dev list](#) to track progress.

The POI source release as well as the pre-built binary deployment packages are listed below. Pre-built versions of all [POI components](#) are available in the central Maven repository under Group ID "org.apache.poi" and Version "5.2.2".

Binary Distribution

- [poi-bin-5.2.2-20220312.tgz](#) (57 MB, [signature \(.asc\)](#), checksum: [SHA-256](#), [SHA-512](#))
- [poi-bin-5.2.2-20220312.zip](#) (57 MB, [signature \(.asc\)](#), checksum: [SHA-256](#), [SHA-512](#))

Source Distribution

- [poi-5.2.2-20220312.tar.gz](#) (113 MB, [signature \(.asc\)](#), checksum: [SHA-256](#), [SHA-512](#))

← → ↻ apache.org/dyn/closer.lua/poi/release/bin/poi-bin-5.2.2-20220312.zip

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We suggest the following site for your download:

<https://dclcdn.apache.org/poi/release/bin/poi-bin-5.2.2-20220312.zip>

Alternate download locations are suggested below.

It is essential that you verify the integrity of the downloaded file using the PGP signature (.asc file) or a hash (.md5 or .sha* file).

HTTP

<https://dclcdn.apache.org/poi/release/bin/poi-bin-5.2.2-20220312.zip>

BACKUP SITE

<https://downloads.apache.org/poi/release/bin/poi-bin-5.2.2-20220312.zip>

VERIFY THE INTEGRITY OF THE FILES

It is essential that you verify the integrity of the downloaded file using the PGP signature (.asc file) or a hash (.md5 or .sha* file). Please read [Verifying Apache Software Foundation Releases](#) for more information on why you should verify our releases.

The PGP signature can be verified using PGP or GPG. First download the [KEYS](#) as well as the [asc](#) signature file for the relevant distribution.

```
% gpg --import KEYS
% gpg --verify downloaded_file.asc downloaded_file
```

Syntax for taking screenshot

1. Take screenshot and convert into file type

```
File source = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
```

2. Take the path of the particular location to store the screenshot

```
File dest = new
```

```
File("/Users/ amitparate/Documents/screenshot"+LocalDateTime.now()+".jpg");
```

3. Copy the file from source to destination

```
FileUtils.copyFile(source, dest);
```

E.x

```
package Java_package;
```

```
import java.io.File;
```

```
import java.io.IOException;
```

```
import java.time.LocalDateTime;
```

```
import org.apache.commons.io.FileUtils;
```

```
import org.openqa.selenium.OutputType;
```

```

import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Testing1 {

    public static void main(String[] args) throws InterruptedException, IOException {
        System.setProperty("webdriver.chrome.driver",
"/Users/amitparate/Downloads/chromedriver");

        WebDriver driver = new ChromeDriver();

        driver.manage().deleteAllCookies();

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

        driver.get("https://demoqa.com/buttons");

        // cast driver to TakesScreenshot interface

        // set the output type of file and store it into file type variable

        File file = ((TakesScreenshot) driver).getScreenshotAs(OutputType.FILE);

        File dest = new File("/Users/amitparate/Documents/screenshot" +
LocalDateTime.now() + ".jpg");

        FileUtils.copyFile(file, dest);

    }
}

```

LocalDateTime.now() >> this is used to upend the current date and timing to save the screenshot with always different names.