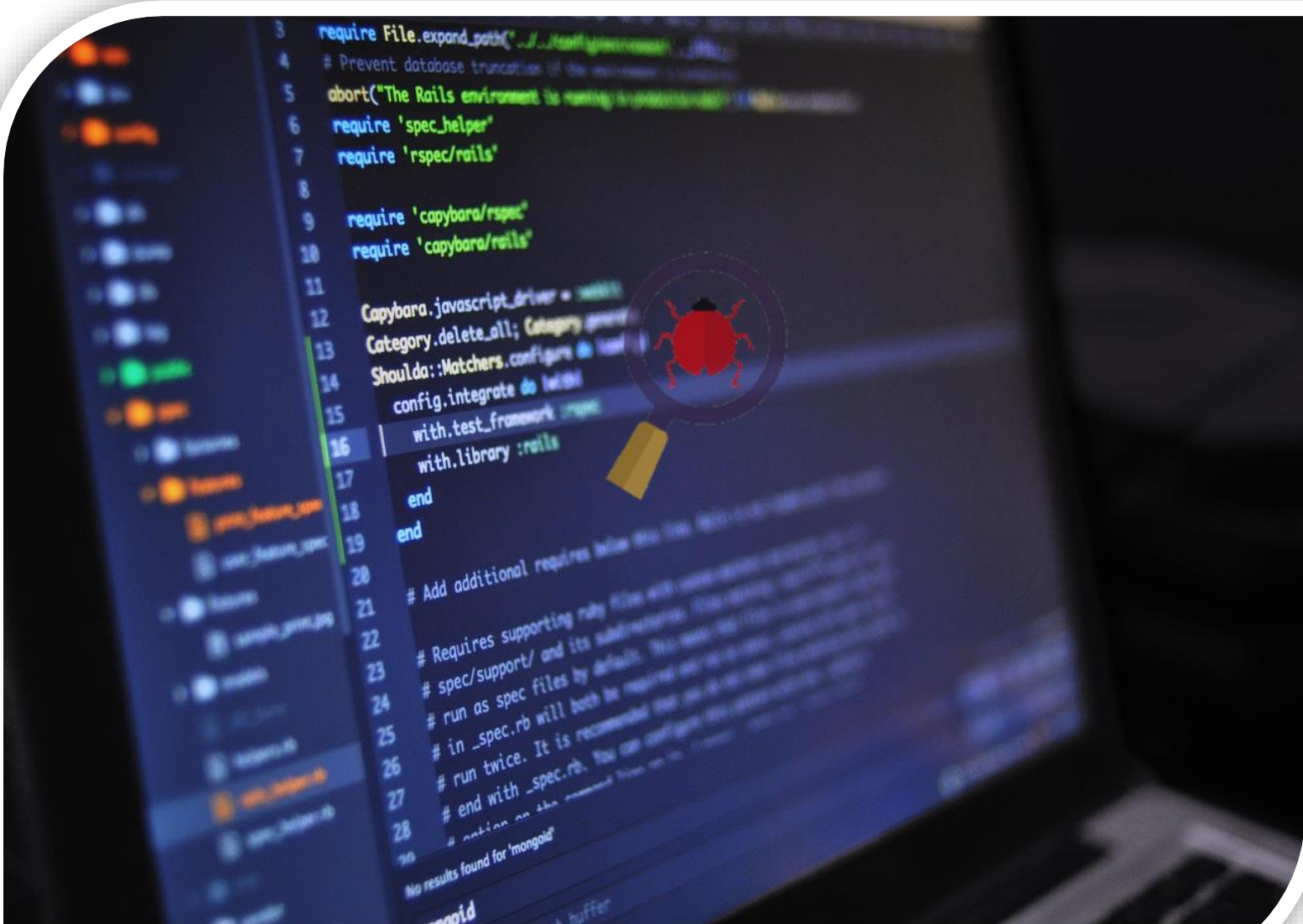


Introduction to UI Automation of Windows Applications with Appium WinAppDriver



Cheat Sheet
Chapter 1

What is the name of the Nuget package which we add to use Appium in our solution?

Appium.WebDriver

What is the latest major version of Appium?

Version 4 is the latest version

Which class is used in principal for creating Windows UI automation?

WindowsDriver<WindowsElement>

What is the namespace of Windows UI automation?

OpenQA.Selenium.Appium.Windows

Which class is used to specify the path of application under test and other options?

AppiumOptions

How to create an instance of AppiumOptions?

```
AppiumOptions desiredCapabilities = new AppiumOptions();
```

What is the namespace of AppiumOptions?

OpenQA.Selenium.Appium

Which method is used to specify an additional capability?

AddAdditionalCapability

Find full course on the link given below:

<https://www.udemy.com/course/appium-winappdriver-automation-testing/?referralCode=ED22C3A4CE5BB5E22E53>

How do we specify the path of an application under test?

```
AppiumOptions desiredCapabilities = new AppiumOptions();  
desiredCapabilities.AddAdditionalCapability("app", @"C:\Windows\System32\notepad.exe");
```

What's the class which defines most keys used by AddAdditionalCapability?

MobileCapability

E.g.

MobileCapabilityType.App

MobileCapabilityType.PlatformName

MobileCapabilityType.DeviceName

What is the namespace of MobileCapability?

OpenQA.Selenium.Appium.Enums

Where can I find a list of all possible capability keys supported by WinAppDriver?

<https://github.com/microsoft/WinAppDriver/blob/master/Docs/AuthoringTestScripts.md>

How do we create an object of WindowsDriver<WindowsElement>?

```
WindowsDriver<WindowsElement> app = new WindowsDriver<WindowsElement>(new  
Uri("http://127.0.0.1:4723"), desiredCapabilities);
```

How to retrieve the title of an application:

notePadSession.Title

How to maximize the application window:

```
notepadSession.manage().Window.Maximize();
```

How to save screenshot of an application under test:

```
notepadSession.GetScreenshot().SaveAsFile(".\\Screenshot{DateTime.Now.ToString("ddMMyyyyhhmmss")}.png", OpenQA.Selenium.ScreenshotImageFormat.Png);
```

How to quit an application:

```
notepadSession.Quit();
```

What are the prerequisites for running AppiumLocalService?

```
Node.js  
Appium on Node.js  
WinAppDriver
```

How can we create an instance of AppiumLocalService:

```
var appiumLocalService = new AppiumServiceBuilder().UsingPort(4723).Build();  
appiumLocalService.Start();
```

How do we create an instance of AppiumLocalService so that log gets written to a specific file?

```
var appiumLocalService = new AppiumServiceBuilder().UsingPort(4723).WithLogFile(new  
FileInfo(@"C:\Users\My Name\Documents\Logs\TestLog.txt")).Build();
```