



SuiteTraining

A background image showing a classroom or training environment. Several people are seated at desks, some holding pens and looking at papers or devices. The image is partially obscured by a dark blue horizontal band.

# SuiteScript Course

Pre-class Setup Guide



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Publish Date: May 2018



## Requesting Instructor Support

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Your instructor is happy to answer any specific questions you may have about the course, its content, and/or the course materials.

While we encourage all participants to ask pertinent questions, we also want to ensure the course moves along at an acceptable pace for all student participants. Questions or requests for assistance regarding your organization's NetSuite implementation are outside the scope of what instructors are able to provide during class.



For questions or assistance with your NetSuite implementation, please contact NetSuite Support or your account manager.



# CONFIGURE YOUR DEVELOPMENT ENVIRONMENT

**IMPORTANT**

Before attending the class, make sure to take the time to install the IDE that will be used during SuiteScript development.

## Setting up your IDE for SuiteScript Development

Prepare the IDE that you'll be using for SuiteScript development. You can use any IDE for JavaScript development but we recommend using the SuiteCloud IDE. The SuiteCloud IDE offers code-assist, quick-uploading, and other development functionalities that would make it easier for you to develop SuiteScripts.

**Note:** The SuiteCloud IDE is a combination of the Eclipse IDE and the SuiteCloud IDE plugin. If you already have a version of Eclipse installed, you can install the SuiteCloud IDE plugin without downloading another copy of Eclipse. However, you need to have at least **Kepler** (4.3) if you're installing the 17.2 version of the plugin and **Mars** (4.5) if you're installing version 18.1 or later.

Also, the instructions provided below are for installing the Eclipse IDE in Windows. If you're not using Windows, please translate the steps to the operating system that you're using.

### Requirements

- Install Java Runtime 1.8 or later (if necessary)
- Download and install the Eclipse IDE
- Install the SuiteCloud IDE plugin

**Duration:** 15 – 45 minutes depending on the speed of your computer and network connection

## Install Java Runtime Environment (JRE)

- 1 The Eclipse requires a Java Runtime Environment (JRE) of 1.8 or later.

**Note:** SuiteCloud IDE 2017.2 requires JRE 1.7 or later, and SuiteCloud IDE 2018.1 requires JRE 1.8 and later.

You can download the latest version of the JRE at <http://java.com/en/download/manual.jsp>. Choose the appropriate version for your operating system.

**Note:** For Windows and Linux systems, you need to download either the 32-bit or 64-bit version, depending on your system. If you're a Windows user, you can use this link to find out what version you have installed on your computer, <https://support.microsoft.com/en-us/help/827218/how-to-determine-whether-a-computer-is-running-a-32-bit-version-or-64>.

Also, note that the links provided in this guide may potentially change. If the links are broken, do a web search to get the information you need.

## Download and Install the Eclipse IDE

- Go to the Eclipse Downloads page, <https://eclipse.org/downloads/packages/eclipse-ide-java-ee-developers/mars2>.

**Note:** Downloading a version other than Mars may prevent the SuiteCloud plugin from functioning properly.

There are multiple packages available for Eclipse, make sure that you're downloading the *Eclipse IDE for Java EE Developers* because it already includes the JavaScript tools necessary for SuiteScript development.

- Click the download link for the operating system version that you're using.



### Eclipse IDE for Java EE Developers

#### Package Description

Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn, EGit and others.

This package includes:

- Data Tools Platform
- Eclipse Git Team Provider

#### Download Links

Windows 32-bit  
Windows 64-bit  
Mac OS X (Cocoa) 32-bit  
Mac OS X (Cocoa) 64-bit  
Linux 32-bit  
Linux 64-bit

**Note:** The download site will automatically select the best download site based on your location. You can, however, download from any of the listed sites.

 Download

Download from: Japan - Japan Advanced Institute of Science and Technology (http)

File: [eclipse-jee-mars-2-win32-x86\\_64.zip](#) SHA-512

>> [Select Another Mirror](#)



- 4 Unpack the downloaded archive file to your Desktop or anywhere you'd be able to easily access it.
- 5 The archive file contains an **eclipse** directory. Inside that directory is an executable file with the same name. Open the eclipse executable to verify that the IDE was downloaded properly.
- 6 The **Select a workspace** window displays the first time you start up the IDE. This is where your SuiteScript projects are stored. You can either keep the default Workspace location or choose a different one. Click **Use this as the default and do not ask again** so it doesn't keep displaying each time you open the IDE. Click **OK**.

### Download and Install the SuiteCloud IDE Plugin

- 7 From the Eclipse IDE, click the **Help** menu then select **Install New Software...**
- 8 On the **Available Software** window, add the repository location by clicking on the **Add** button.

Configure the website with the following settings:

<b>Name</b>	SuiteCloud IDE
<b>Location</b>	http://system.netsuite.com/download/ide/update_<version-year>_<version-number>

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**Note:** Replace the **version-year** and **version-number** with the version of the plugin you intend to install. For example, if you intend to install the 2018.1 version of the plugin, use the URL [http://system.netsuite.com/download/ide/update\\_18\\_1](http://system.netsuite.com/download/ide/update_18_1).

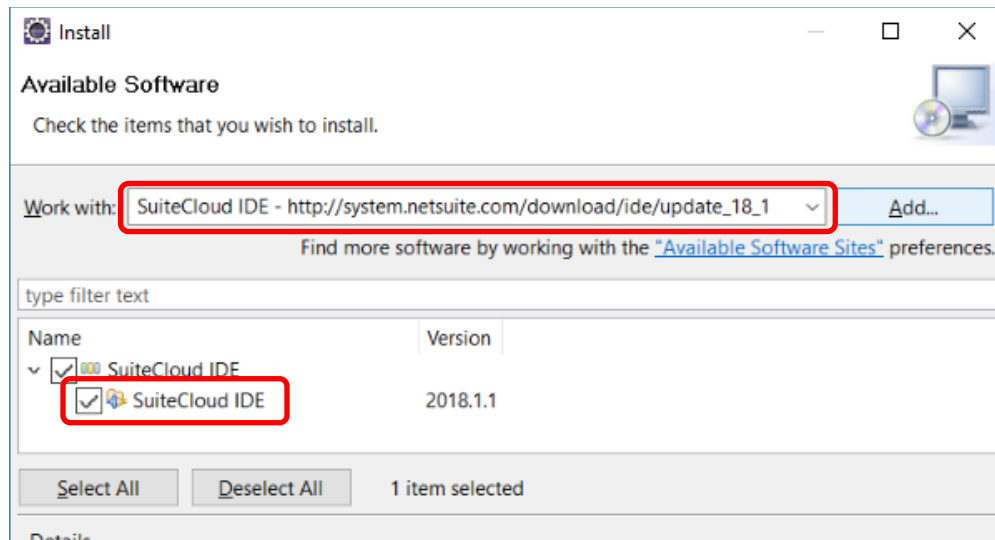
Always install the latest version unless specifically told otherwise. To know the latest version of the plugin, search for "SuiteCloud IDE" in SuiteAnswers or in the Help Center.

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Press <Enter> or click **OK** when you're done.

- 9 In the **Work with:** field, choose the newly added repository by selecting **SuiteCloud IDE** if it's not already selected.
- 10 This will load up the installation options for the plugin. Put a checkmark on the **SuiteCloud IDE** option.





- 11 Click **Next** to view the installation details.
- 12 Accept the terms of the license agreement and click **Finish**.
- 13 Wait for the installation process to complete. Once it's done, you may be asked to restart Eclipse; click **Yes**.

**Note:** A warning message may appear while installing the plugin. This is normal. Click **OK** to continue with the installation.

- 14 You might be prompted to go through the **SuiteCloud IDE Setup Wizard**. Please **Cancel** this wizard at this point and will be configured in class.
- 15 You are ready for class. Your first scripting exercise during class has you complete the configuration of your IDE:
  - Communicate with a NetSuite account
  - Create a NetSuite Project
  - Create a SuiteScript File
  - Upload your SuiteScript File into NetSuite using the IDE

## Launching the Client-side Debugger

As a SuiteScript Developer, it may be necessary for you to use your browser's built-in script debugger. The following set of instructions show how client-side debuggers are used the browsers commonly used with NetSuite.

**Note:** You need not install all browser versions, use the browser that you intend to use with NetSuite.

### Requirements:

- Launch the Firefox Developer Tools
- Launch the Developer Tools for Internet Explorer
- Launch the Developer tools for Chrome
- Enable the Develop menu in Safari

**Duration:** 5 – 10 minutes



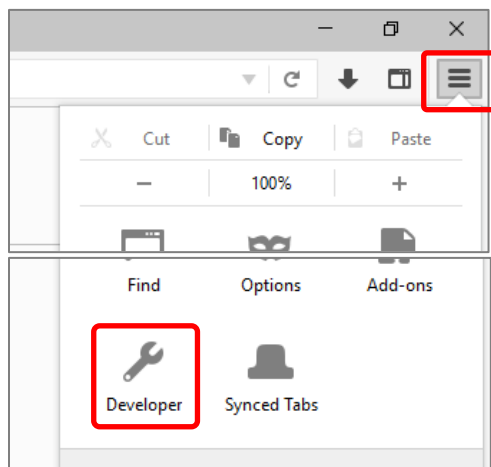
#### IMPORTANT

The point of this section of the guide is to show you how to open the client-side debugger for the browser of your choice as the instructor may be using a different browser during the discussion. Please make sure that you're familiar of the steps so you follow the discussion.

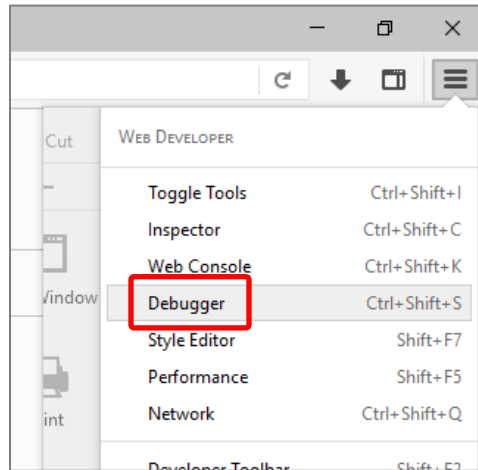
## Launch the Developer Tools for Firefox

**Note:** The following instructions are for Firefox 52. Procedure may differ for other versions of Firefox.

- 1 Open your **Firefox** browser.
- 2 On the upper-right corner, click the grill icon then the **Developer** button on the menu.



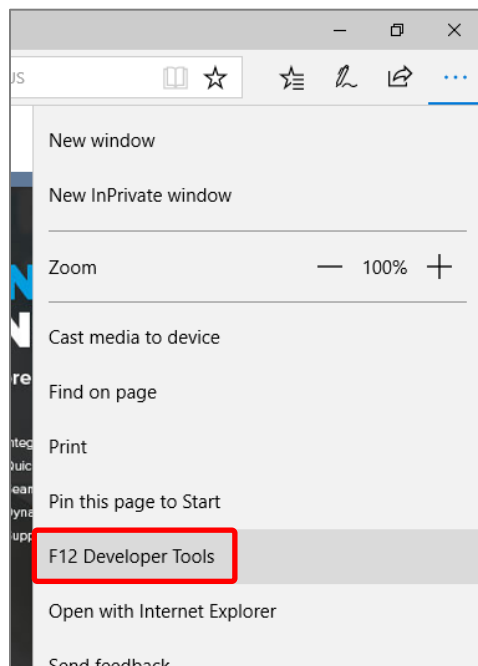
- Click **Debugger** to open it. Alternatively, you can press <Ctrl>+<Shift>+<S> or <F12> to open the debugger.



### Launch the Developer Tools for Microsoft Edge

**Note:** The following instructions are for Microsoft Edge 40. Procedure may differ for other versions of Internet Explorer, especially prior to Internet Explorer 8.

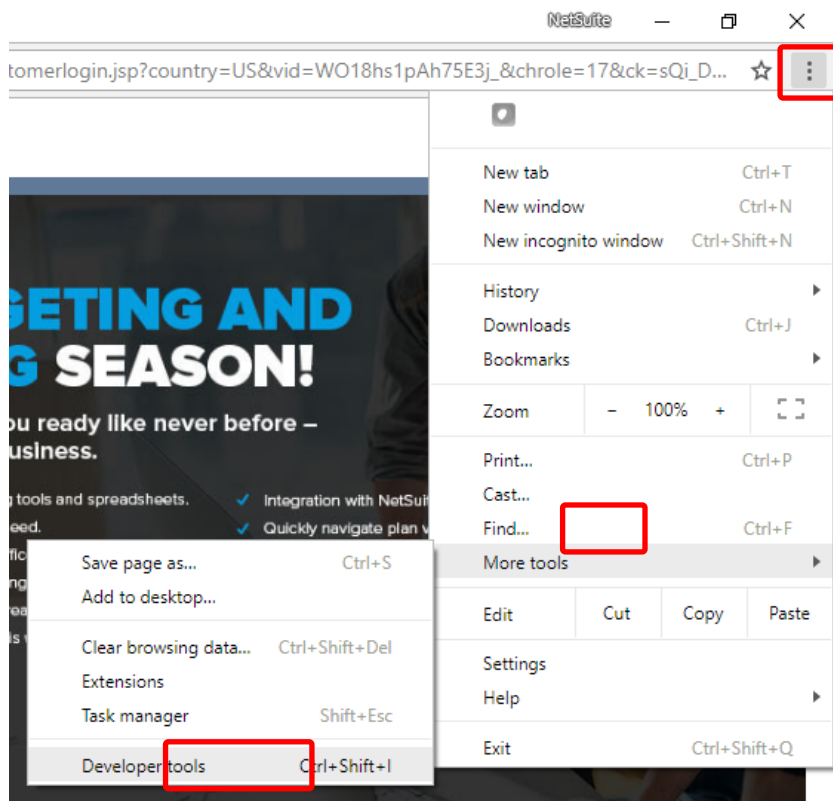
- Open your **Microsoft Edge** browser.
- Click the ellipsis icon and put a checkmark on **F12 Developer Tools**. Alternatively, you can press <F12> to open the debugger.



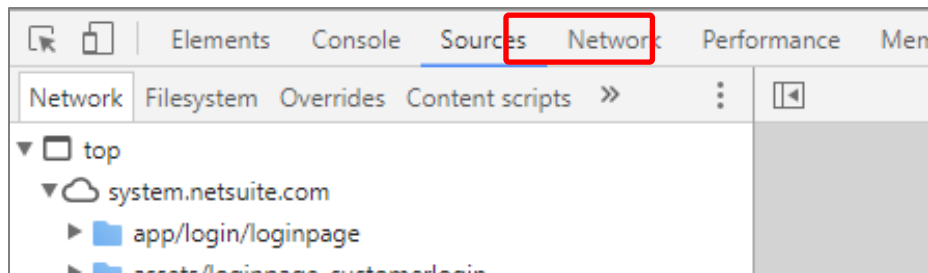
## Launch the Developer tools for Chrome

**Note:** The following instructions are for Chrome 66. Procedure may differ for other versions of Chrome.

- 1 Open your **Chrome** browser.
- 2 Click on the Chrome menu button, choose **More Tools** and select **Developer tools**. Alternatively, you can press <Ctrl>+<Shift>+<I> or <F12> to open the debugger.



- 3 Click on the **Sources** tab to start debugging.

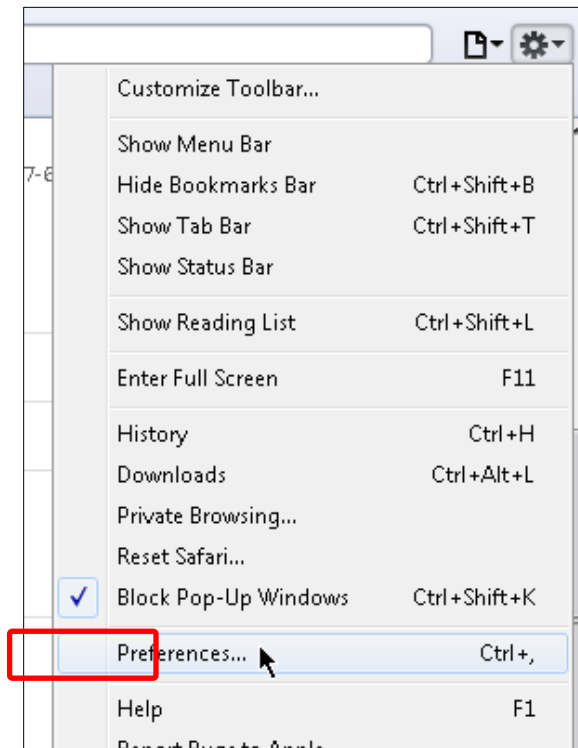


## Enable the Develop menu in Safari

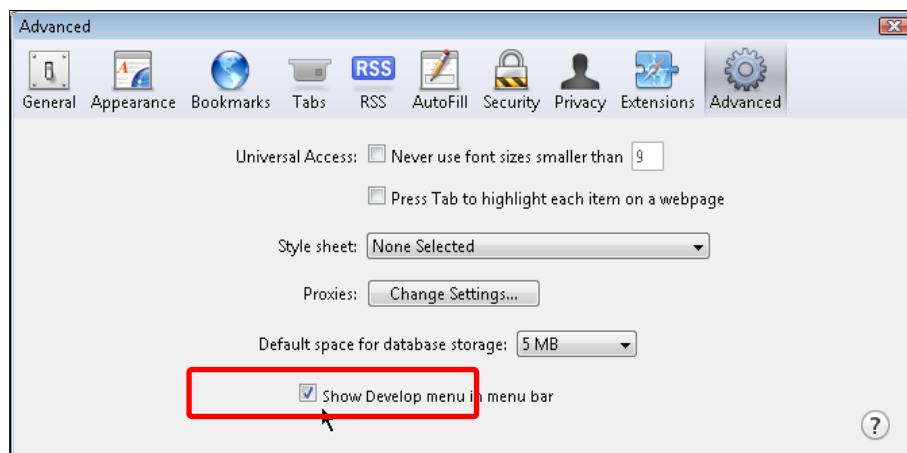
Before using the Developer Tools for Safari, the Develop menu needs to be enabled first.

**Note:** The following instructions are for Safari 5.1.7 for Windows. Procedure may differ for other versions of Safari, specially if you're using a Mac.

- 1 Open your **Safari** Browser.
- 2 Open the **Preferences** window by clicking on the gear icon and selecting **Preferences...**

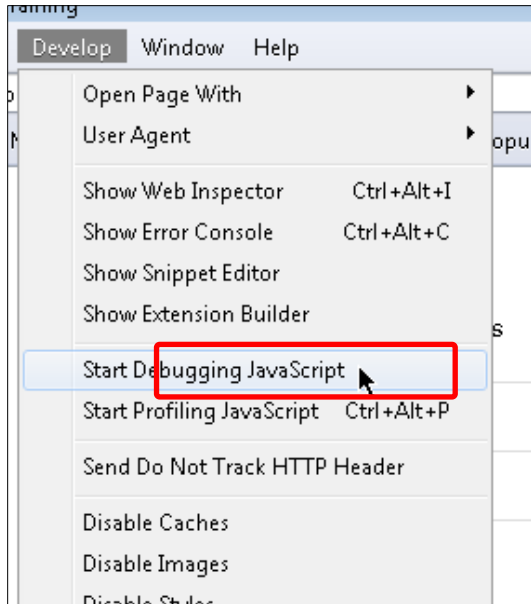


- 3 In the **Preferences** window, click on the **Advanced** button and put a checkmark on the **Show Develop menu in menu bar** option at the bottom.





- 4 Close the **Preferences** window to save.
- 5 Navigate to the **Develop** menu and click on the **Start Debugging JavaScript** option to begin debugging.



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**Note:** If you don't see the menu bar, press the Alt key on your keyboard.

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