

education
resource
is where
learning



Please log in to your tenant:

Username:

Password:

Workday Studio: Pre-Class Requirement – Installation & Connectivity Test

Any unreleased services, features or functions referenced in any Workday document, blog, our website, press releases or any public statements that are not currently available are subject to change at Workday's discretion and may not be delivered as planned or at all. Customers who purchase Workday, Inc. services should make their purchase decisions based upon services, features and functions that are currently available.

Installing Studio



Workday Studio Installation Requirements – Please Read

Base platform requirements:

- Microsoft Windows :
 - 7 (32-bit and 64-bit)
 - Vista Service Pack 1 (32-bit and 64-bit)
 - XP Service Pack 2
- Mac OS X 10.7 Lion (64-bit)
- Linux (32-bit and 64-bit)

Hardware requirements:

- Approximately 2 GB for full Studio installation.
- A minimum of 1 GB of RAM (8 GB or higher recommended for best performance)
- A display resolution of at least 1280 x 1024 (higher resolution is recommended)

Software requirements:

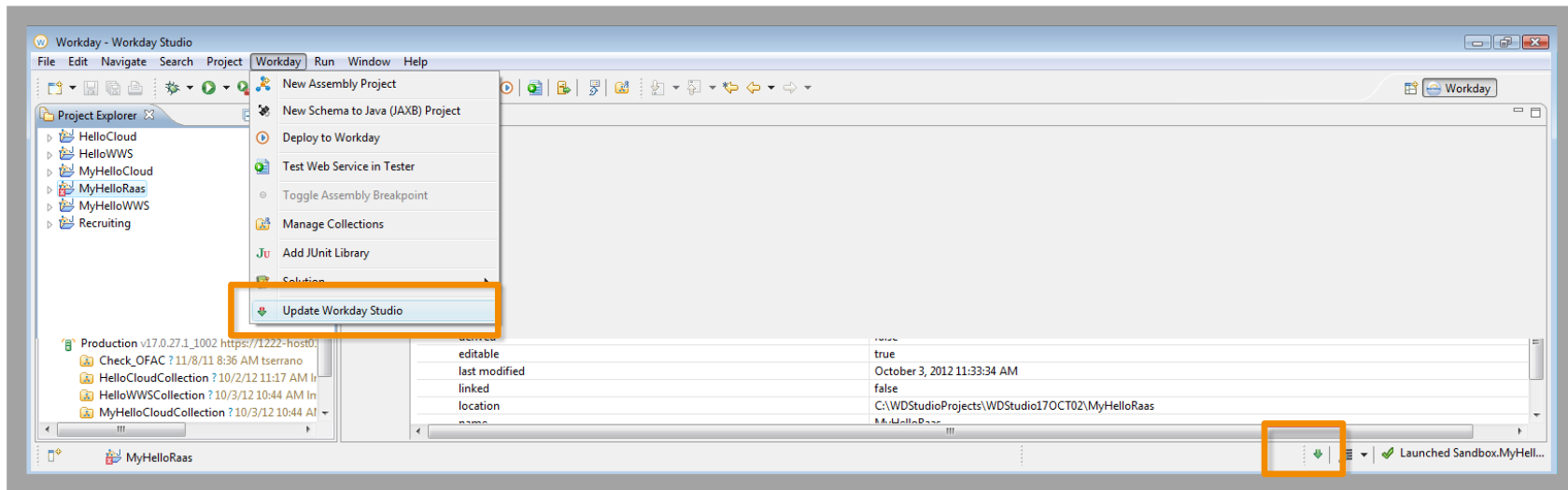
- Eclipse
- Oracle® JDK™ (1.8.0_45 or later)



Note: When connecting to a Workday tenant using Studio, you will need to consider if your network uses a firewall and/or configure any proxy server settings in Studio.

Workday Studio Updates

- If you already have Workday Studio installed, there's no need to remove and re-install. Just open your existing installation of Workday Studio and make sure you have the latest update.
- After updating, skip to the connectivity test. [CLICK HERE](#)



Workday Studio – Pre-class Requirement

Installation and connectivity steps:

1. Determine the operating system (e.g., Windows 32-bit, Windows 64-bit).
2. Install Java JDK 8 and JCE.
3. Install Workday Studio.
4. Launch and connect to your assigned training tenant.
5. Confirm connectivity by deploying HelloCloud to your assigned tenant.

Email instructor to verify completed installation.



Note: The installation and connectivity must be verified by the instructor before your session begins in order to participate. You will receive the course materials when the pre-class requirement has been completed.

Windows: A Match with Java and Workday Studio

In Windows, you must match:

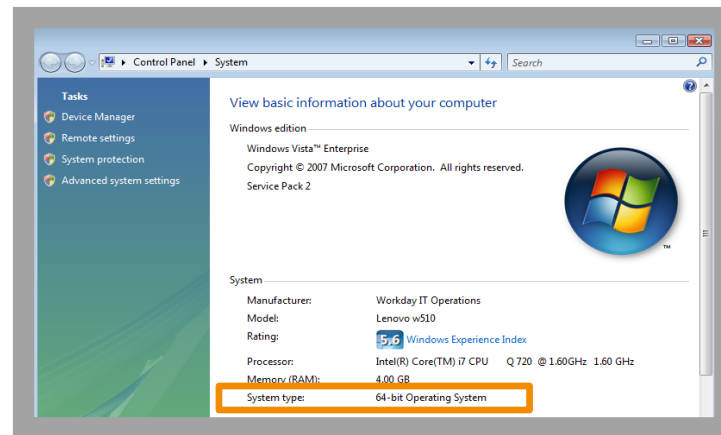
- 32-bit Java AND 32-bit Workday Studio,
OR
- 64-bit Java AND 64-bit Workday Studio.

To find out if your computer is running 32-bit or 64-bit Windows, do the following:

- Right-click on **My Computer > Properties**,
OR
- go to **Start > Control Panel > System**.

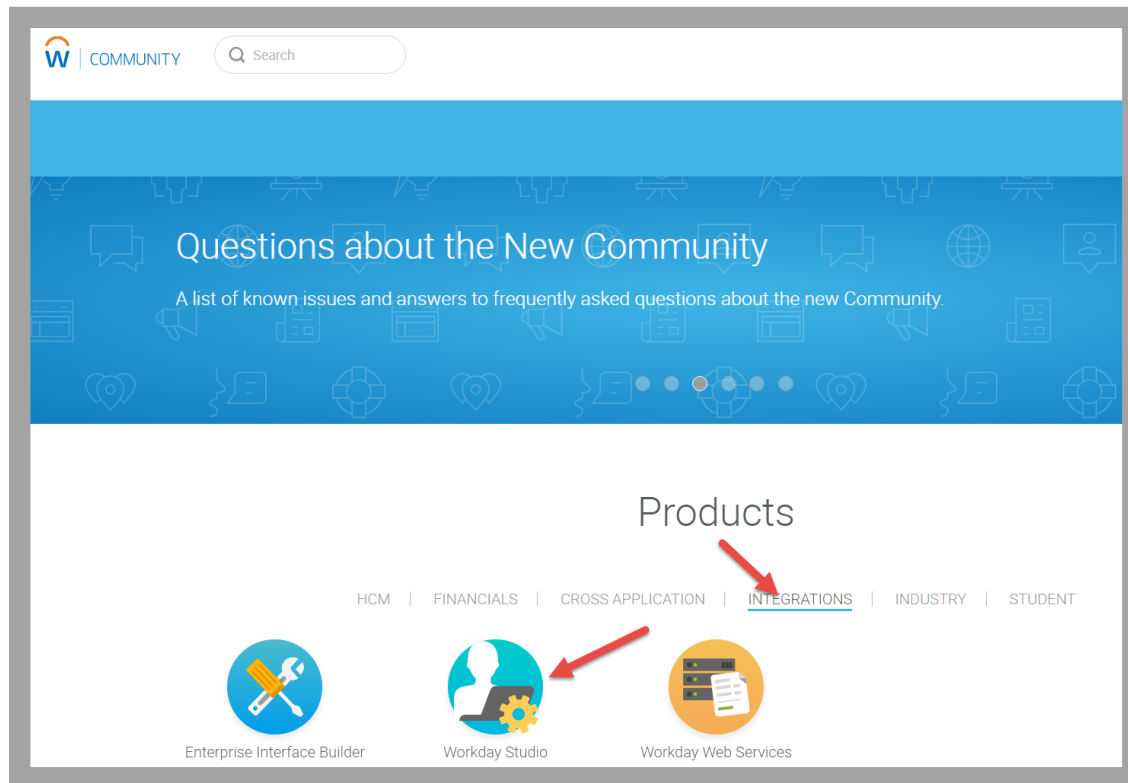


Note: Installing a 32-bit Java and a 64-bit Workday Studio will not work.



Install Workday Studio from Community

In Workday Community, click on **Integrations > Workday Studio**.



Install Workday Studio from Community

Then click on **HOW TO DOWNLOAD WORKDAY STUDIO**.

The screenshot shows the Workday Studio Community dashboard. At the top, there is a header with the Workday logo, the word 'COMMUNITY', a search bar, and a user profile for 'jscherbel' with a 'Menu' button. Below the header is a blue navigation bar with a back arrow and the text 'Home > Workday Studio Dashboard'. The main content area features a large video thumbnail titled 'What's New in Workday Studio 27'. Below this, there are three columns of content. The first column, 'Top News', contains a link to 'Workday 28 Release Center'. The second column, 'References', contains a list of links for getting started with Workday Studio, including 'Aneel's Blog', 'Whitepaper on Workday Integration Cloud', 'Datasheet on Workday Integration Cloud Platform', 'Case Study with Fairchild Semiconductor', 'When to Use Workday Studio', and 'How to Download Workday Studio'. A red arrow points to the 'How to Download Workday Studio' link. The third column, 'Presentations', contains links for 'What's New in Workday Studio 27', 'What's New in Workday Studio 26', and 'What's New in Workday Studio 24', with a 'View All' link below. To the right of the 'References' and 'Presentations' columns is a section for 'Upcoming Events' which shows 'No events scheduled'.

W | COMMUNITY Search jscherbel Menu

← Home > Workday Studio Dashboard

What's New in Workday Studio 27

Top News

Workday 28 Release Center

References

Get started with Workday Studio using the following information and links.

- If you are a business/IT manager and need to make a business case for using Workday Studio, the following links may be useful to you:
 - Aneel's Blog
 - Whitepaper on Workday Integration Cloud
 - Datasheet on Workday Integration Cloud Platform
 - Case Study with Fairchild Semiconductor
 - When to Use Workday Studio
- How to Download Workday Studio
- Documentation is available in the help section of the Workday Studio installation (use **Help > Help Contents**). Key topics:

Presentations

What's New in Workday Studio 27

What's New in Workday Studio 26

What's New in Workday Studio 24

View All

Upcoming Events

No events scheduled

Java Installation Required

Step 1: Download the Java Development Kit (JDK)

Install Java™ Platform, Standard Edition Development Kit (JDK) version 1.8 (update to 1.8.0_45 or higher).

Verify that you download the correct JDK for your operating system.

Workday Community Log In - Knowledge M... Webex - Virtual \\Sac-clus-fs-01.work... [

View Outline Revisions Edit Tags

Download and Install Workday Studio

Community Reference posted by kkuo from Workday on Jan 23, 2014 - 2:14 pm - Updated Mar 11, 2016 - 4:32 pm - 73026 reads

Developer Group Community reference book Integrations Workday Studio

You can download and install Workday Studio in four steps. Please note that Workday Studio is a development tool intended for use by technical users and integration developers. Workday Studio is a set of plug-ins for Eclipse, an open source, integrated development environment (IDE).

Step 1: Download Java Development Kit (JDK)

For patch 2016.11, install Java™ Platform, Standard Edition Development Kit (JDK) version 1.8 (update 1.8.0_45 or higher). Ensure that you download the correct JDK for your operating system: [Click here to install the JDK](#).

Step 2: Download Java Cryptography Extension (JCE) Files

1. Download the JCE Unlimited Strength Jurisdiction Policy Files for JDK 8: [Click here to download jce_policy-8.zip](#).
2. Expand the ZIP file you have downloaded and replace the existing JAR files in your `JAVA_HOME/jre/lib/security` directory with the ones contained in the ZIP file, where `JAVA_HOME` refers to the directory where the JDK was installed. Example:
 - On Windows: `C:\Program Files\Java\jdk1.8.0_45`.
 - On Mac OS X: `/Library/Java/JavaVirtualMachines/jdk1.8.0_45.jdk/Contents/Home`.
 - On Linux: `/usr/lib64/jvm`.

Step 3: Download Workday Studio

Platform	Download
Windows (x86, 32-bit)	Self-Extracting Installation File
Windows (x86, 64-bit)	Self-Extracting Installation File
Linux (x86, 32-bit)	Executable Jar File
Linux (x86, 64-bit)	Executable Jar File
Mac OS (x86, 64-bit)	Executable Jar File

Ensure that you download the correct file for your operating system. Select the installation file for your platform from the **Download** column.

Java Download for Your Operating System

- The link will take you to Oracle's web site to download Java.
- Read and accept the license agreement, then download the correct file for your operating system.



Note: You may be asked to create a username and password for that website. Follow the instructions provided.

A 32-bit Windows System
= *-i586.exe

A 64-bit Windows System
= *-x64.exe

Java SE Development Kit 8u74		
You must accept the Oracle Binary Code License Agreement for Java SE to download this software.		
<input type="radio"/> Accept License Agreement <input checked="" type="radio"/> Decline License Agreement		
Product / File Description	File Size	Download
Linux x86	154.74 MB	jdk-8u74-linux-i586.rpm
Linux x86	174.92 MB	jdk-8u74-linux-i586.tar.gz
Linux x64	152.74 MB	jdk-8u74-linux-x64.rpm
Linux x64	172.9 MB	jdk-8u74-linux-x64.tar.gz
Mac OS X x64	227.27 MB	jdk-8u74-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	139.72 MB	jdk-8u74-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.09 MB	jdk-8u74-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	140.02 MB	jdk-8u74-solaris-x64.tar.Z
Solaris x64	96.19 MB	jdk-8u74-solaris-x64.tar.gz
Windows x86	182.01 MB	jdk-8u74-windows-i586.exe
Windows x64	187.31 MB	jdk-8u74-windows-x64.exe

JCE Addition to Java

Step 2: Download Java Cryptography Extension (JCE) files

Download the JCE Unlimited Strength Jurisdiction Policy Files: UnlimitedJCEPolicyJDK8.zip for JDK 8.

To install: Expand the downloaded ZIP file to replace the existing JAR files in your JAVA_HOME/jre/lib/security directory, where JAVA_HOME refers to the directory that JDK was installed.



Examples:

- Windows: C:\Program Files\Java\jdk1.8.0_xx.
- Mac OS X:
/Library/Java/JavaVirtualMachines/jdk1.8.0_x
x.jdk/Contents/Home

Workday Community Log In - Knowledge M... Webex -Virtual \\Sac-clus-fs-01.work... [

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 - On Windows: `C:\Program Files\Java\jdk1.8.0_45`.
 - On Mac OS X: `/Library/Java/JavaVirtualMachines/jdk1.8.0_45.jdk/Contents/Home`.
 - On Linux: `/usr/lib64/jvm`.

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Windows (x86, 64-bit)	Self-Extracting Installation File
Linux (x86, 32-bit)	Executable Jar File
Linux (x86, 64-bit)	Executable Jar File
Mac OS (x86, 64-bit)	Executable Jar File

Ensure that you download the correct file for your operating system. Select the installation file for your platform from the **Download** column.

Download the JCE Files

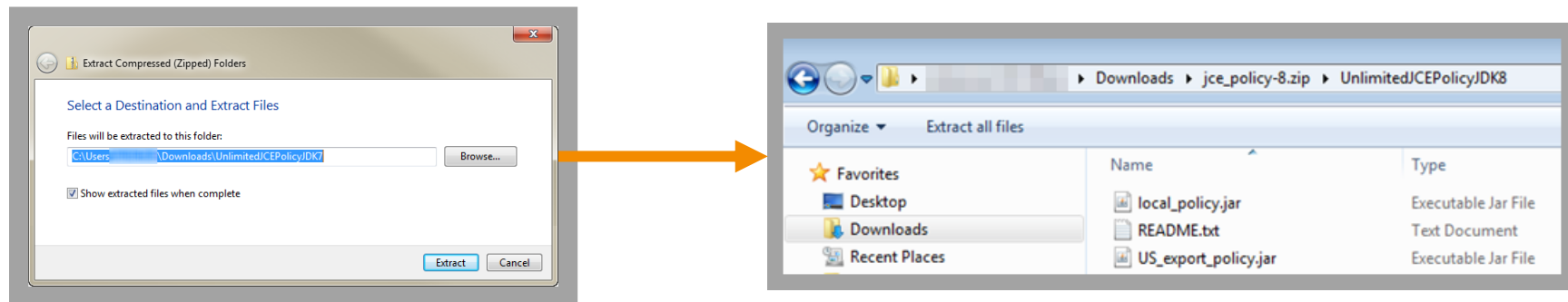
- The link will take you to Oracle's web site to download the JCE files.
- Read and accept the license agreement, then download the correct files for your operating system.

The screenshot shows the Oracle website's download page for the Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files 8. The page has a navigation bar with tabs: Overview, Downloads, Documentation, Community, Technologies, and Training. The main heading is "Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files 8 Download". Below this, there is a section titled "Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files 8" which contains a license agreement notice and two radio buttons: "Accept License Agreement" (selected) and "Decline License Agreement". At the bottom, there is a table with three columns: "Product / File Description", "File Size", and "Download". The table contains one row for the "Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files 8" with a file size of "0.01 MB" and a download link "jce_policy-8.zip" which is highlighted with an orange box.

Product / File Description	File Size	Download
Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files 8	0.01 MB	jce_policy-8.zip

JCE .jar Files

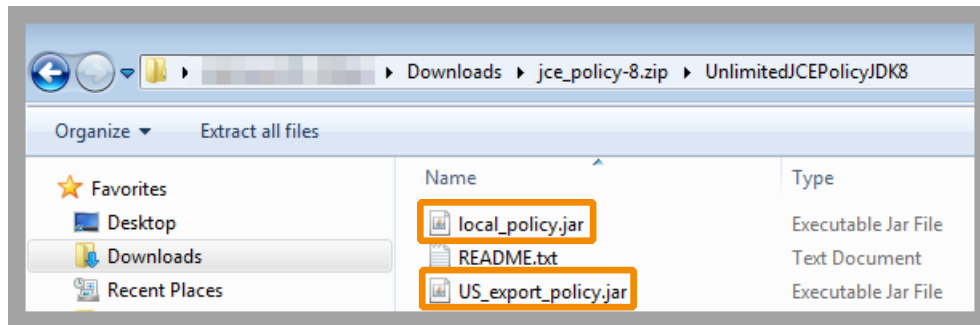
Once the file has downloaded, extract the files to your computer.



JCE .jar Files

Once extracted, copy the following files (Ctrl+click):

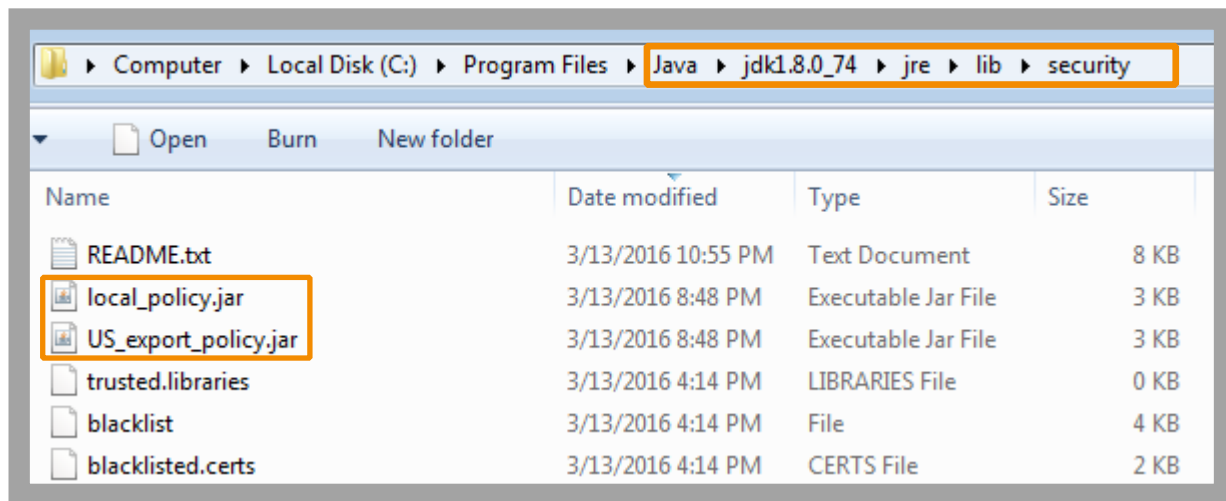
- local_policy.jar
- US_export_policy.jar



JCE .jar Files

Replace the existing .jar files in your JAVA_HOME/lib/security directory by pasting the downloaded .jars.

- local_policy.jar
- US_export_policy.jar



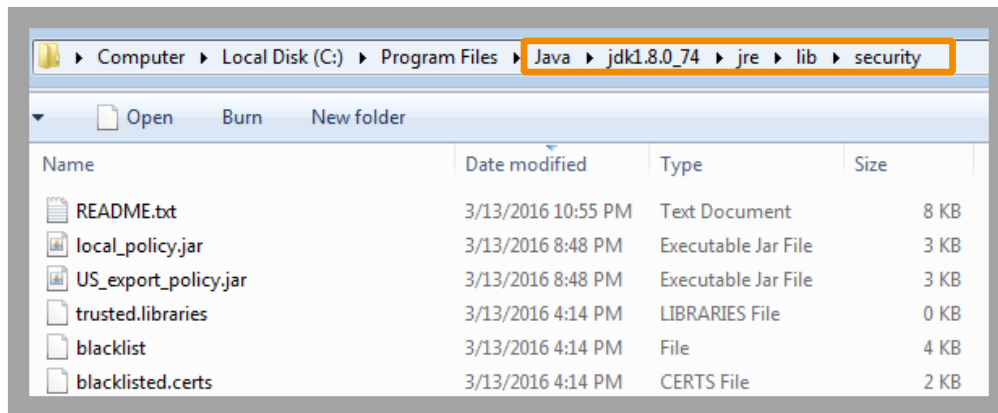
JCE .jar File Directory

JAVA_HOME refers to the directory where the Java SE Runtime Environment (JRE) was installed.



Examples: In Windows, it may default to:

- C:\Program Files\Java\jdk1.8.0_xx\jre\lib\security OR
- C:\Program Files\Java\jre8\lib\security



Download Workday Studio

Step 3: Download Workday Studio

Return back to the Workday Studio Download web page and select the correct download file for your operating system.

Workday Community Log In - Knowledge M... Webex - Virtual \\Sac-clus-fs-01.work...
View Outline Revisions Edit Tags

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 - On Linux: `/usr/lib64/jvm`.

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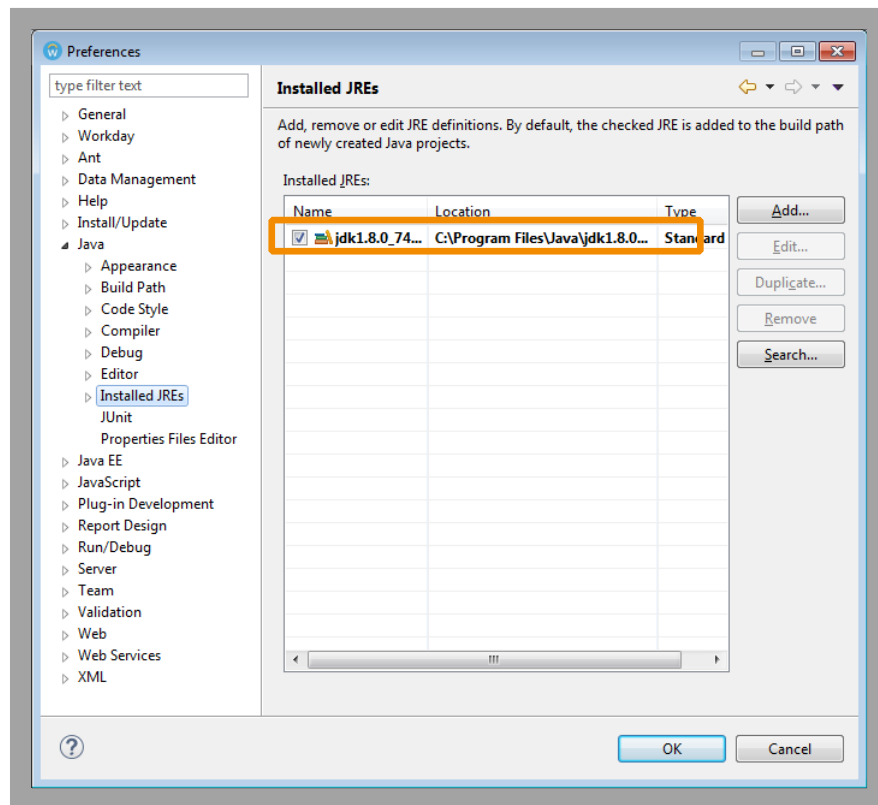
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Linux (x86, 32-bit)	Executable Jar File
Linux (x86, 64-bit)	Executable Jar File
Mac OS (x86, 64-bit)	Executable Jar File

Ensure that you download the correct file for your operating system. Select the installation file for your platform from the **Download** column.

Verify JDK1.8

You can verify the default JRE for your Workday Studio Eclipse workspace.

Window > Preferences > Java > Installed JREs

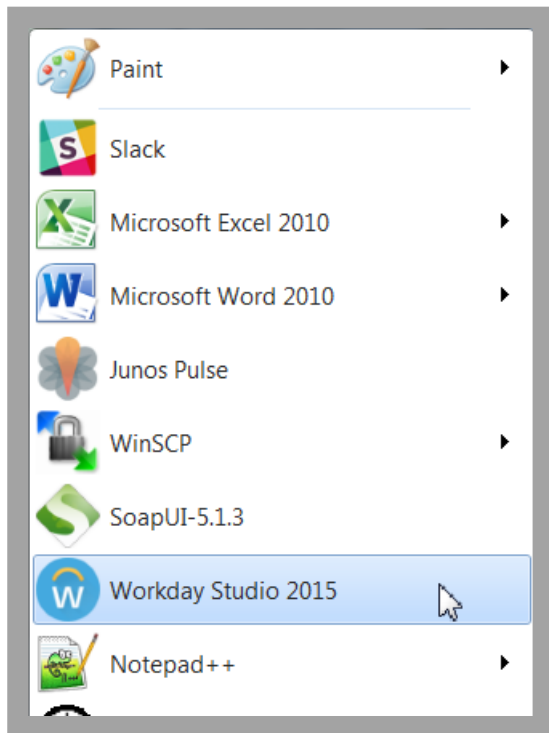


The Importance of Testing Connectivity

PLEASE READ:

- Workday Studio is a third-party application installed locally on your machine. It must connect to the tenant via your internet connection just like any other application (e.g., IE, Firefox). If you cannot connect to your tenant, you cannot participate in class.
- In some cases, you may have a firewall or https proxy server on your internal network. If so, you will not be able to connect without additional configuration. This configuration **MUST BE DONE BEFORE CLASS**. Additionally, it may require the assistance of your internal IT department to help you with your network settings. The instructor has no knowledge of your internal network and cannot configure your internal network settings.

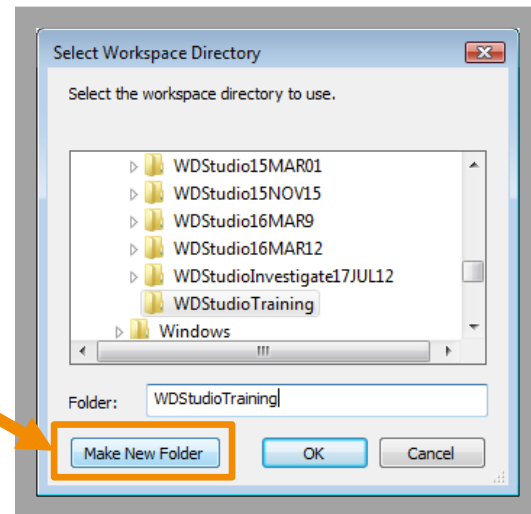
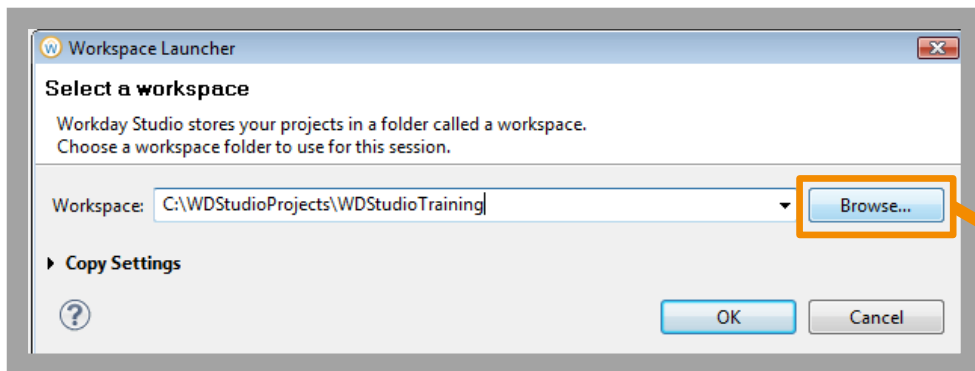
Starting Workday Studio



- Once the Workday Studio installation completes, you can start Studio from the Start menu.
- Patches:
 - Any new patches and/or updates are released each week on Friday during the scheduled 6 PM PDT downtime for implementation tenants.
 - Studio is not always patched every week. If a patch is scheduled, then the Studio Patches and Updates page, (linked below), will be updated on the Wednesday before the patch. However, it may be updated as late as Thursday if a late-breaking patch is required.
<https://community.workday.com/studio-patches>

Select a Workday Studio Workspace Folder

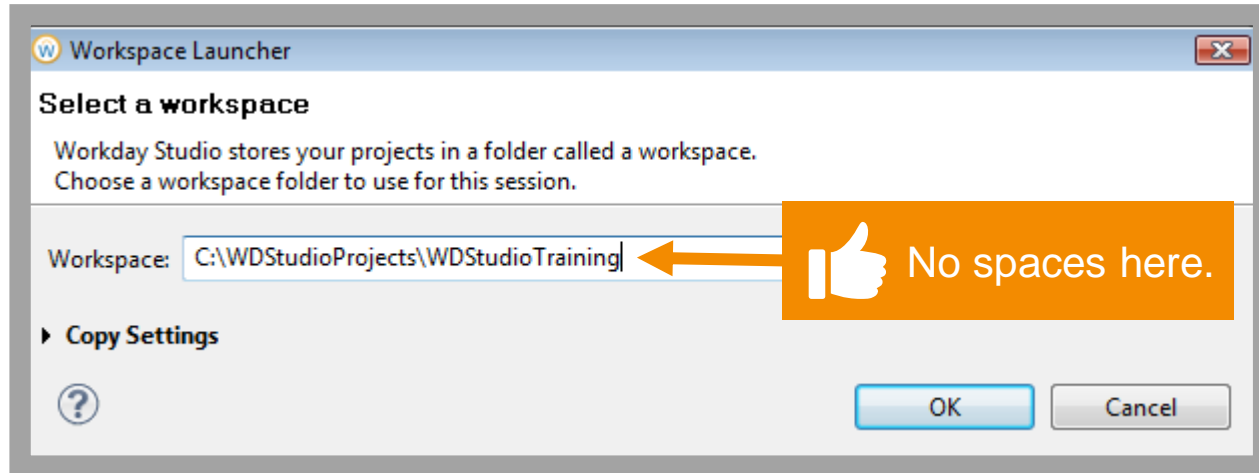
- You will be prompted to select a workspace. The default location will be based on your Windows installation.
- Either click **OK** to accept the default (if there are no blank spaces in the path) or change the workspace location by clicking on **Browse...**. You may select an existing directory or create a new one.



Select a Workday Studio Workspace Folder

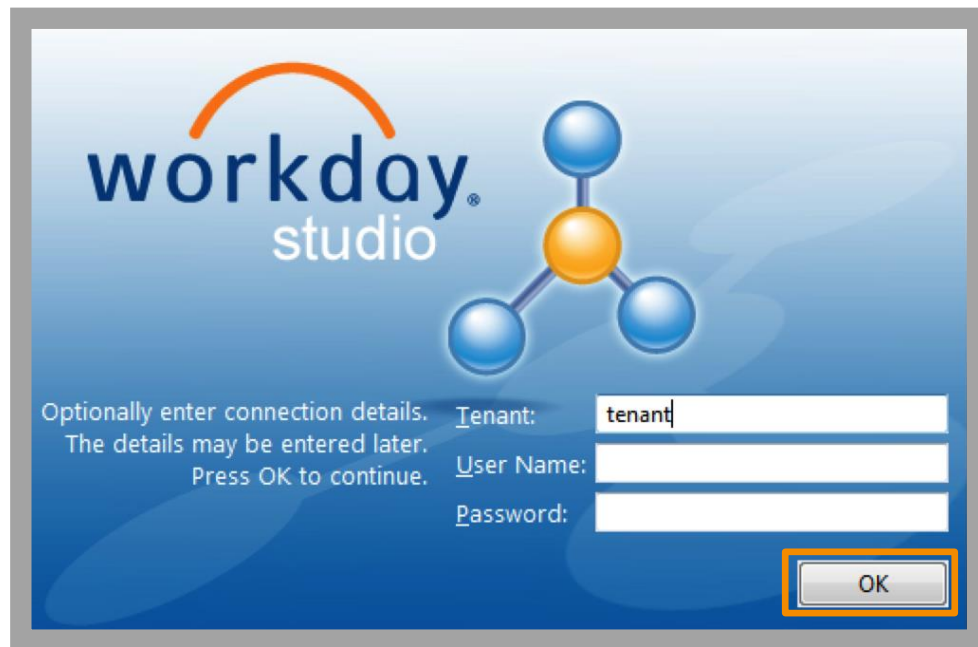


Note: Avoid using any blank spaces in the directory path if you choose to select one other than the default.



Bypass Workday Studio Login Splash Screen

- After you accept the workspace, you will be presented with the login screen.
- Don't make any changes. Simply click **OK** (leave the Tenant, User Name, and Password fields blank).



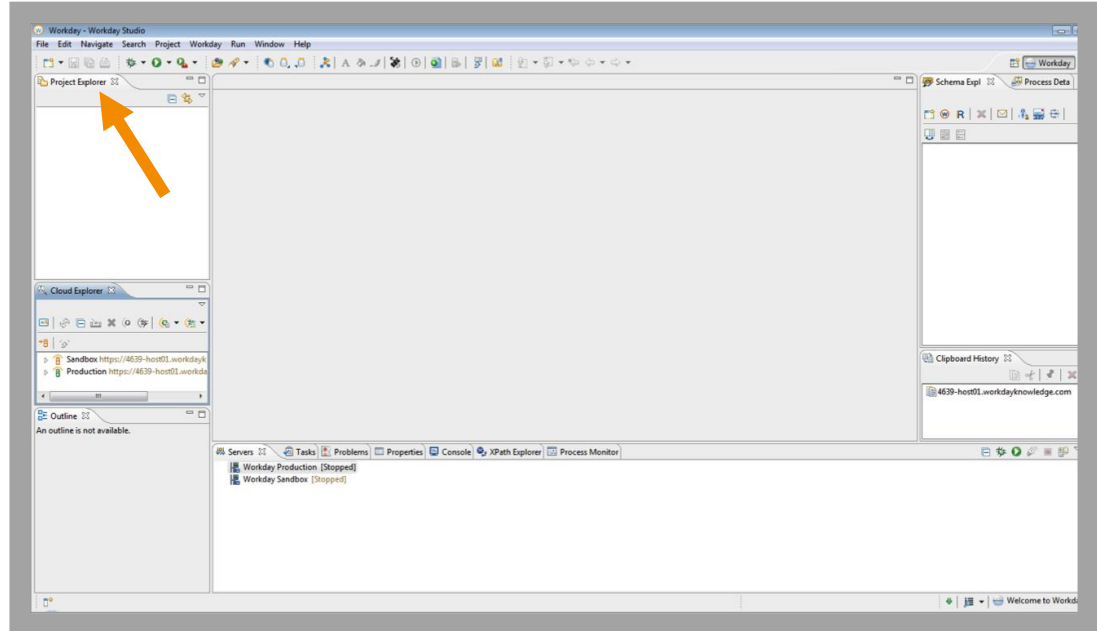
Initial Welcome Page

If you see an initial Welcome page, click **X** to close. (We will return here later to install a Sample).



Project Explorer

The Workspace displays and the Project Explorer is empty. Please follow the next set of instructions to complete the connectivity test.

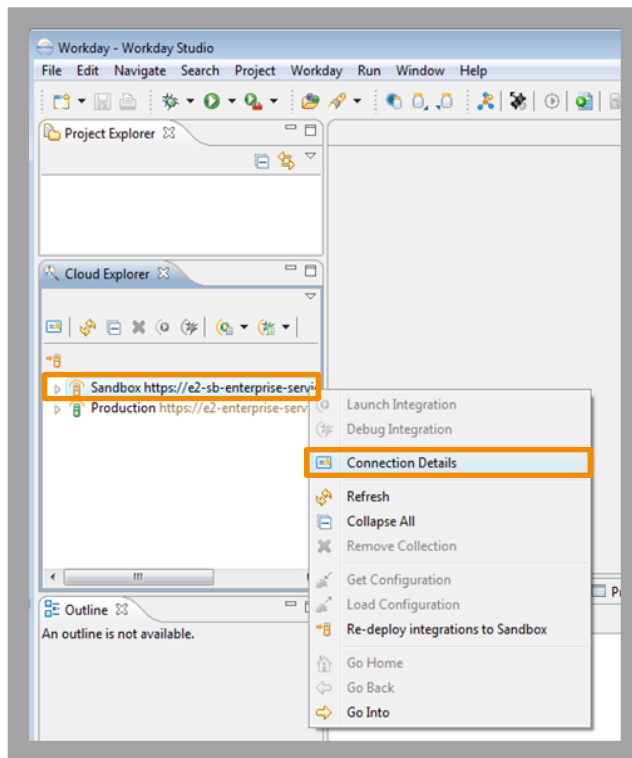


Define Connection Details



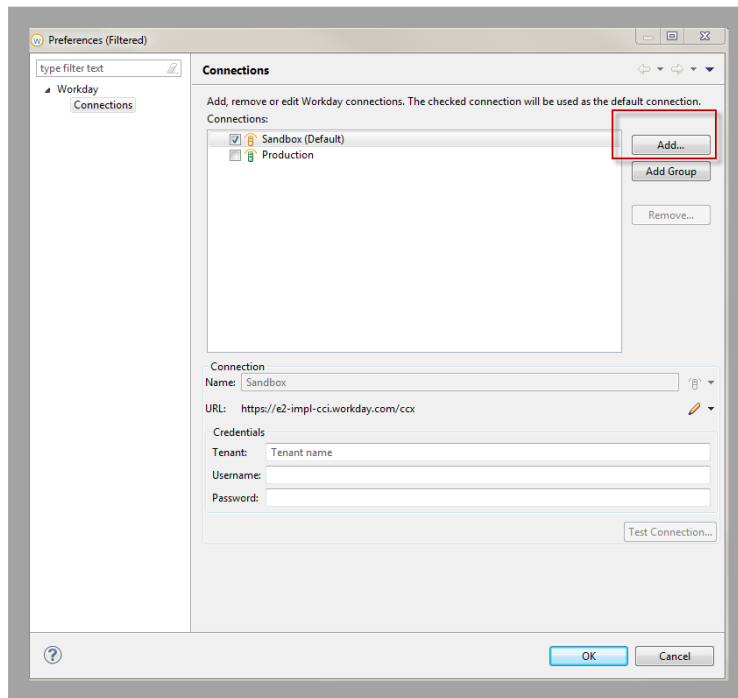
Connection Details in Cloud Explorer

1. Right-click on the **Sandbox** tenant, then click on **Connection Details**.



Connection Details in Cloud Explorer

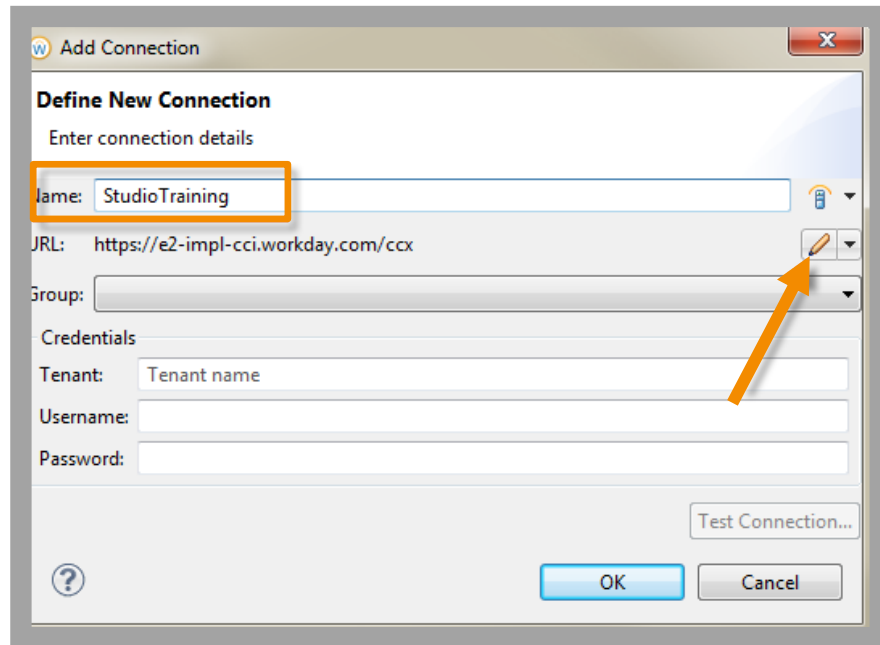
2. Click the **Add...** button.



Connection Details in Cloud Explorer

Add Connection displays the Define New Connection dialog.

3. Name the connection StudioTraining.
We recommend checking the box to make it the default connection.



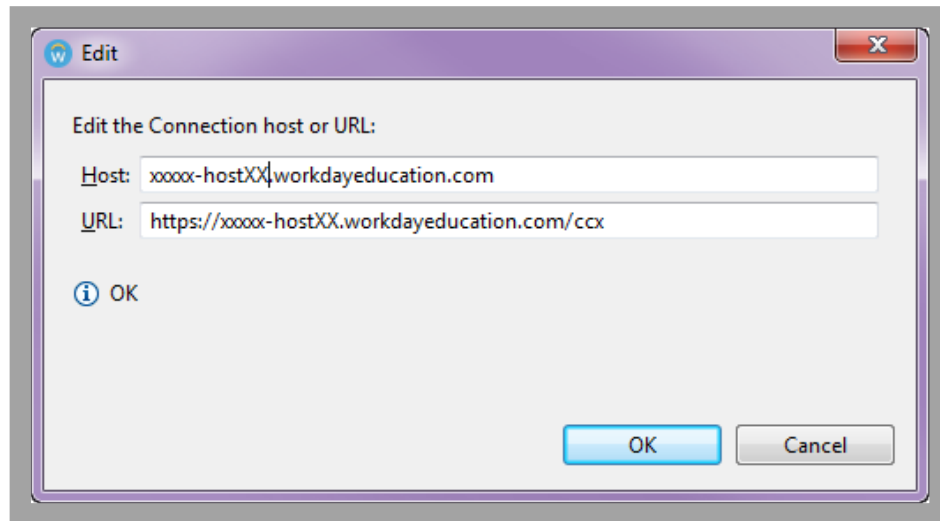
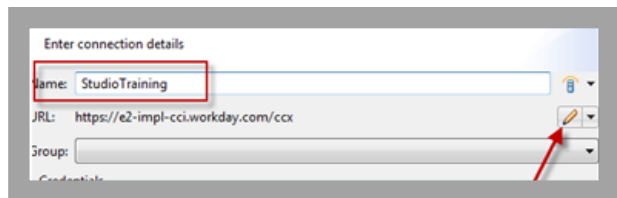
The screenshot shows the 'Add Connection' dialog box. The title bar says 'Add Connection'. The main heading is 'Define New Connection'. Below it, it says 'Enter connection details'. The 'Name' field is highlighted with an orange box and contains the text 'StudioTraining'. The 'JURL' field contains the text 'https://e2-impl-cci.workday.com/ccx'. The 'Group' field is empty. The 'Credentials' section has three fields: 'Tenant' (containing 'Tenant name'), 'Username' (empty), and 'Password' (empty). There is a 'Test Connection...' button at the bottom right. An orange arrow points to a checkbox next to the 'JURL' field, which is checked.

Connection Details in Cloud Explorer

4. URL – Click the pencil icon and enter the host that was given to you by the instructor. The URL will auto-update when you tab out of host.

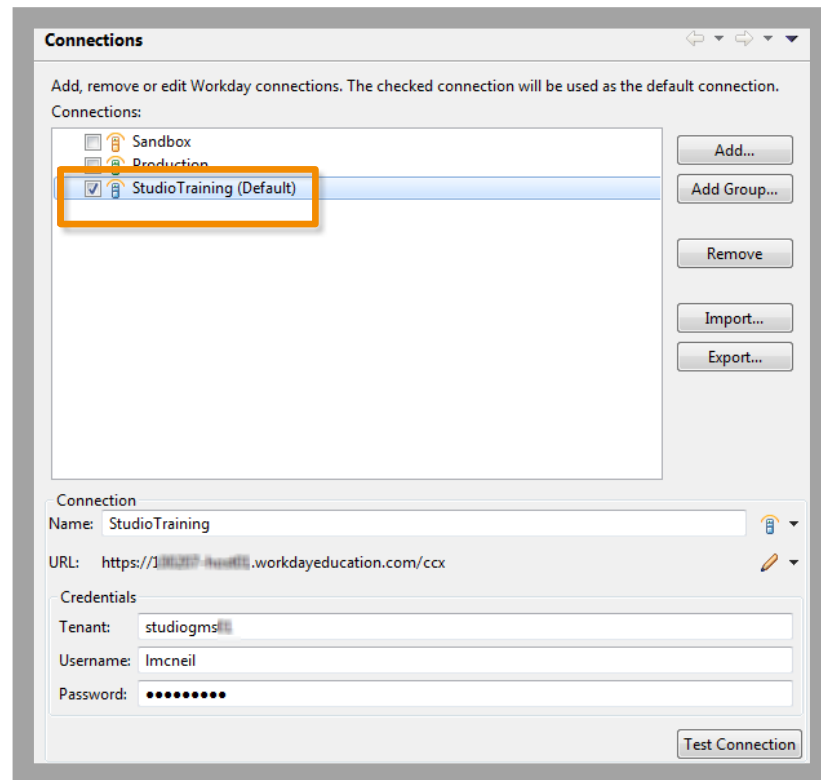


Note: Do not enter the URL.



Connection Details in Cloud Explorer

1. Skip the group field.
2. Enter your credentials. The instructor provided you with the tenant, username, and password information.
3. Click the **Test Connection** button.

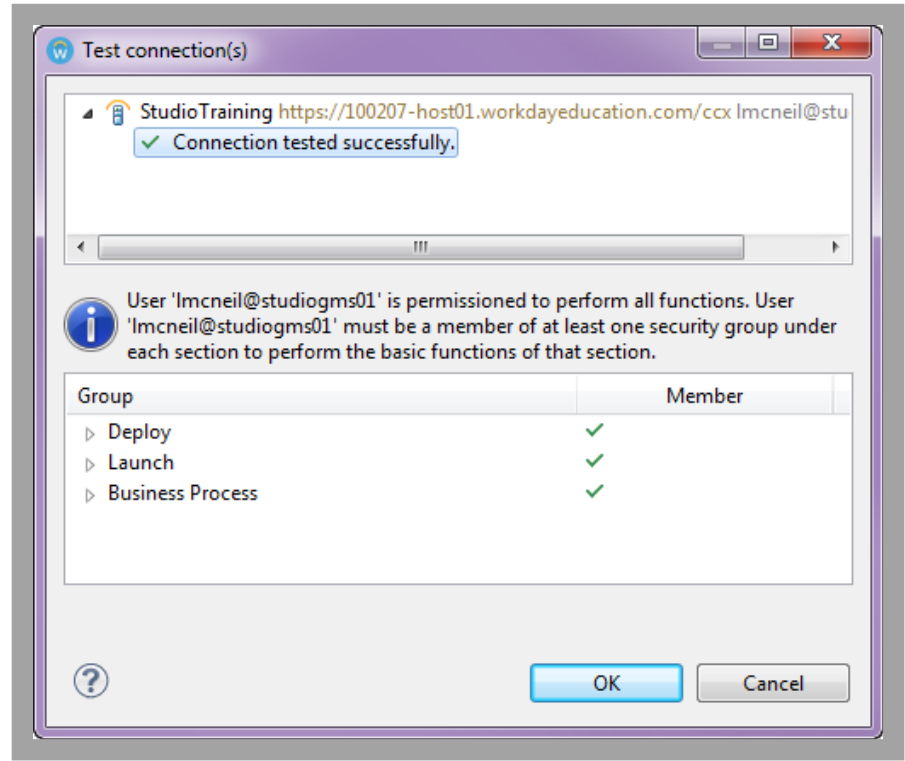


The screenshot shows the 'Connections' dialog box in Cloud Explorer. It has a title bar with standard window controls. Below the title bar, there is a subtitle: 'Add, remove or edit Workday connections. The checked connection will be used as the default connection.' Below this, a section titled 'Connections:' contains a list of three items: 'Sandbox', 'Production', and 'StudioTraining (Default)'. The 'StudioTraining (Default)' item is selected and highlighted with a blue background, and it is also enclosed in an orange rectangular box. To the right of the list are five buttons: 'Add...', 'Add Group...', 'Remove', 'Import...', and 'Export...'. Below the list, there is a 'Connection' section with the following fields: 'Name:' with the value 'StudioTraining', 'URL:' with the value 'https://10.257.100.111.workdayeducation.com/ccx', and a 'Credentials' section with 'Tenant:' (studiogms), 'Username:' (lmcneil), and 'Password:' (masked with dots). At the bottom right of the dialog is a 'Test Connection' button.

Test Connection

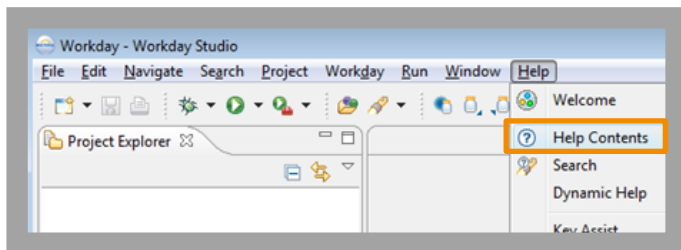
- The test connection should return successful.
- If it fails you will receive an error message.

Please email the error message and/or screenshot to the instructor immediately for further assistance.



Workday Studio User Guide: Managing Connections

More details about managing connections is available in the Studio documentation.



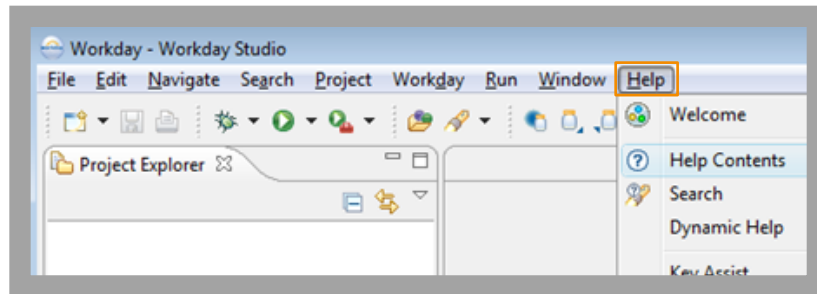
A screenshot of the Workday Studio User Guide documentation page for Chapter 4: Managing Connections. The page title is 'Chapter 4. Managing Connections'. The page content includes an 'Abstract' section, a 'Connections Overview' section, and a list of topics. The 'Connections Overview' section describes how to create and manage connections to Workday environments. The list of topics includes: Adding a Connection, Adding a Group of Connections, Viewing and Editing Connections and Groups, Removing a Connection or Group of Connections, Troubleshooting Connection Errors, Using the Workday Studio Assembly Editor, Using Studio's Message Builder, Using Studio's Schema Explorer, Using Studio's XPath Explorer, Developing Custom Assembly Components, Editing Bean Configuration Values, Developing Sub-Assemblies, Creating JAXB Projects, Using the ALUnit Assembly Test Framework, Testing Web Services, Debugging Assemblies, Using the Solution Catalog, Advanced Topics, XPath 2.0 Processor User Manual, and XSL Tools User Documentation. The page also includes a 'Note' section and a list of actions for managing connections.

Test Connection: Import and Deploy HelloCloud

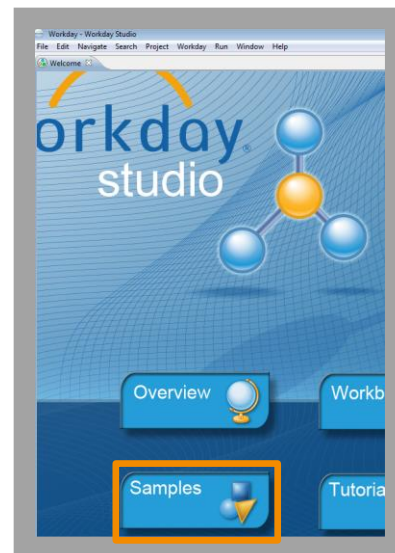


Navigating to Hello Cloud Sample

- Return to Samples by going to **Help > Welcome**.
- Next, click on the Samples icon.

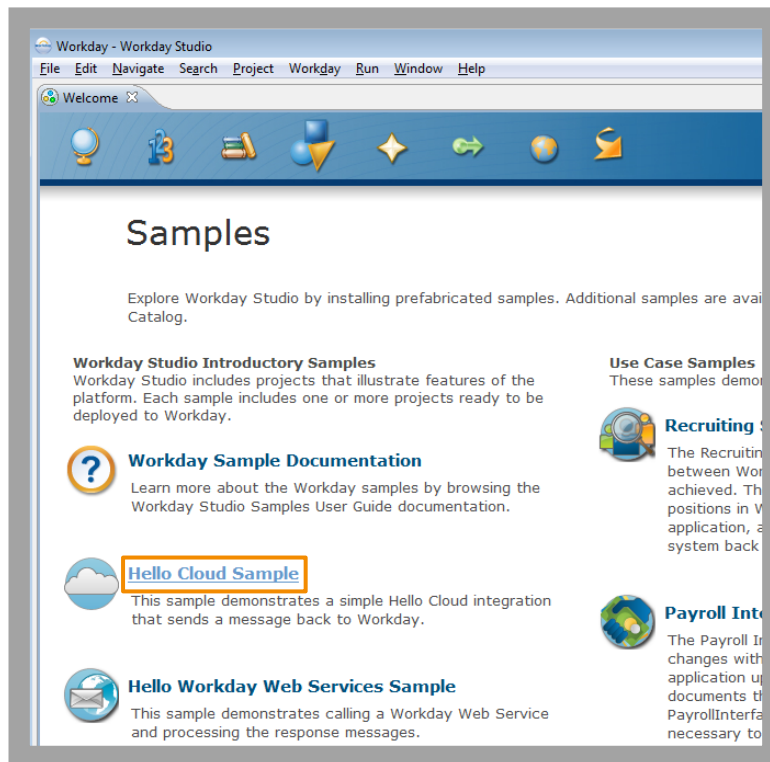


Reminder: The purpose for installing and deploying this sample is to verify your connectivity to your assigned tenant.



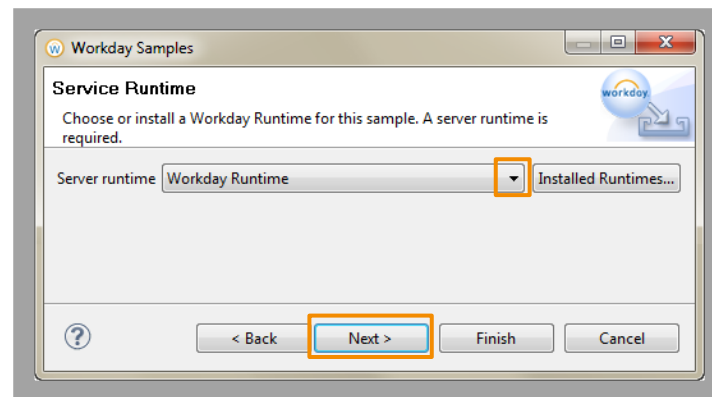
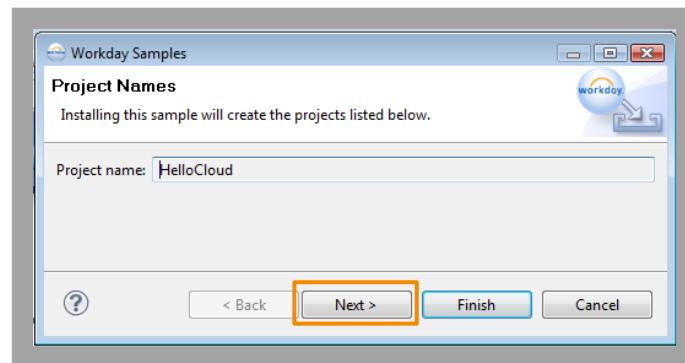
Hello Cloud Sample

Click on **Hello Cloud Sample** to begin the installing process.



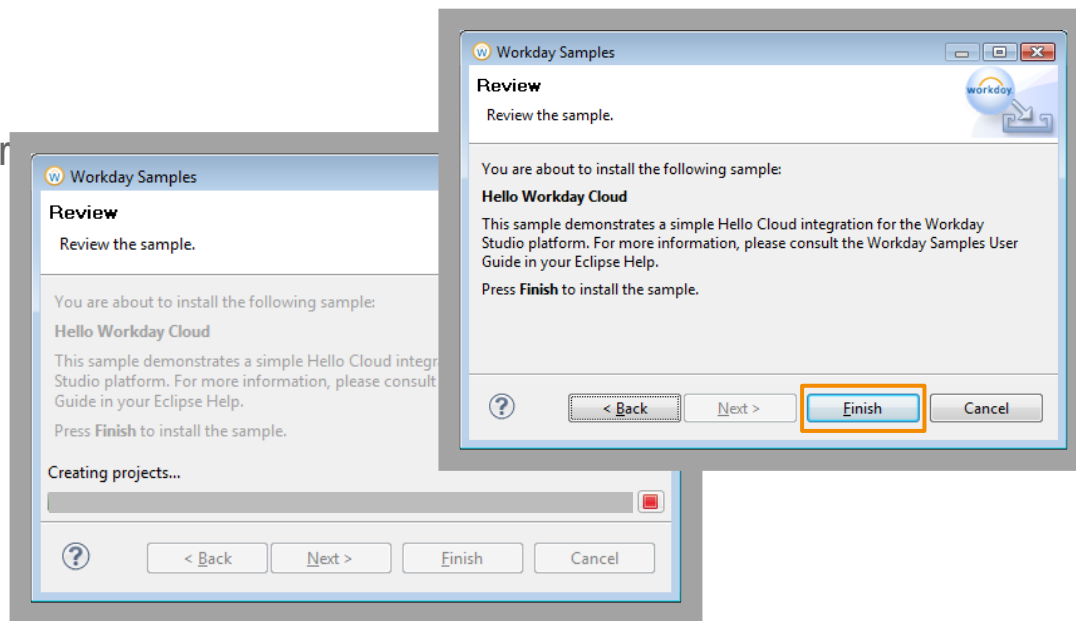
Install the Hello Cloud Sample

1. Click **Next >**.
2. Select **Workday Runtime**.
3. Click **Next >**.



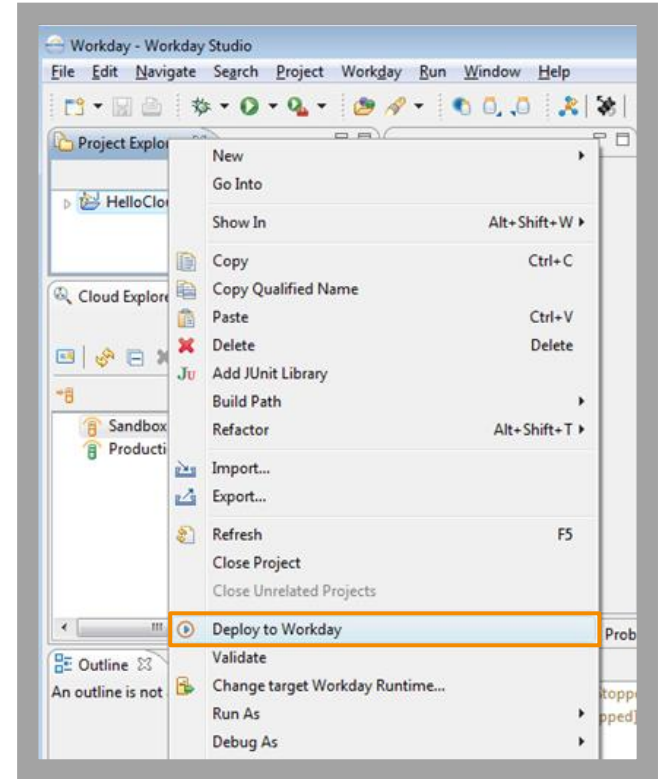
Install the Hello Cloud Sample

4. Click **Finish**.
5. Wait for project to be created.



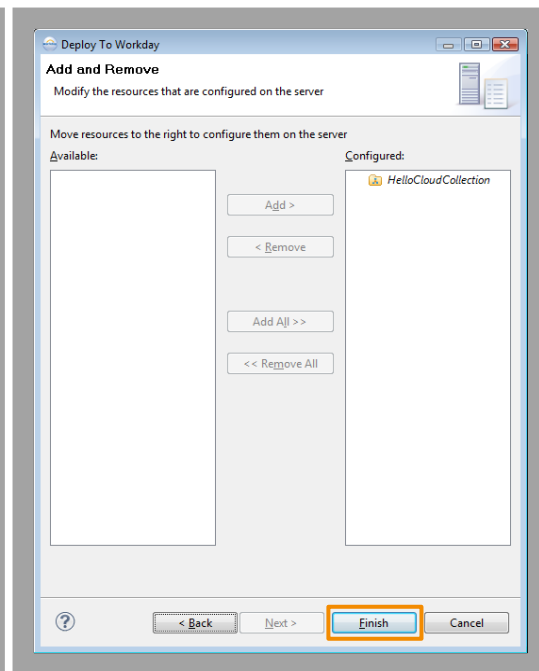
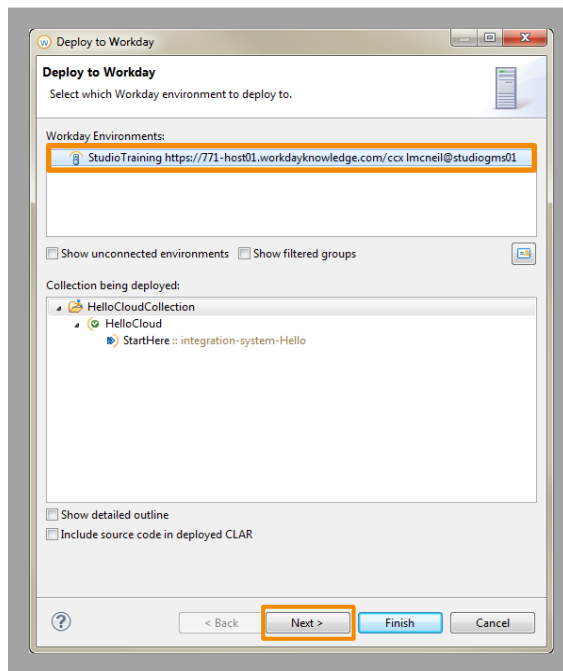
Deploy HelloCloud Project to Workday

6. Right-click the project name in **Project Explorer > Deploy to Workday**.



Deploy HelloCloud Project to Workday

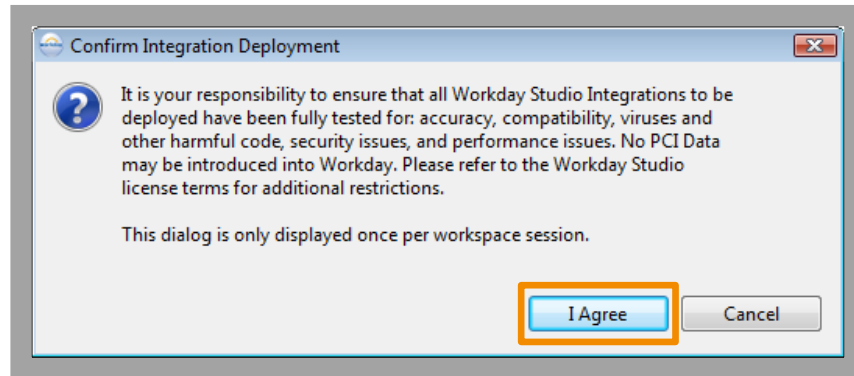
7. Verify your environment is selected.
8. Click **Next >** if enabled.
9. Click **Finish**.



Deploy HelloCloud Project to Workday

10. Click **I Agree**.

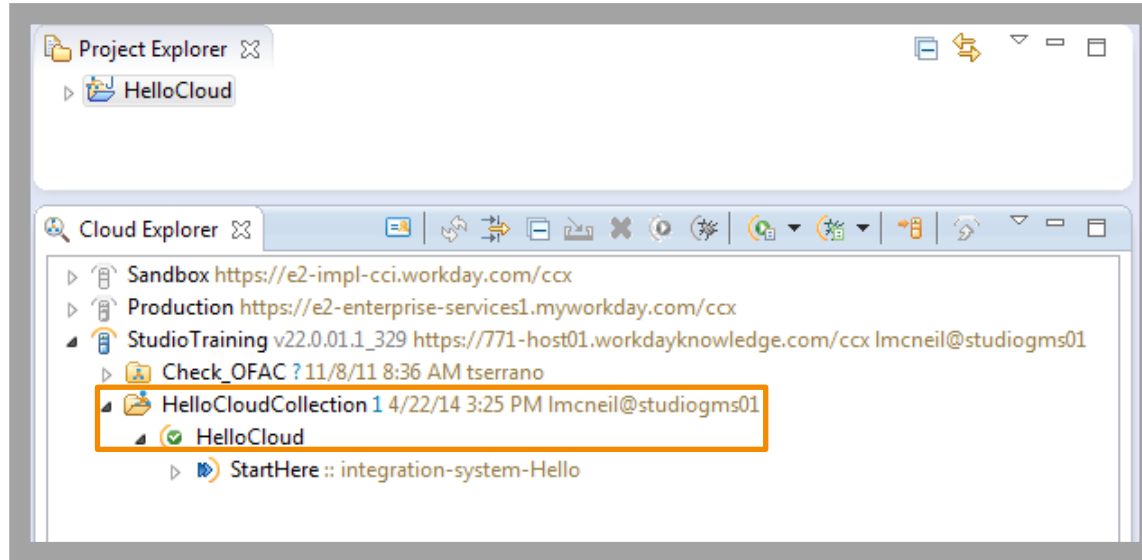
11. Do you see an error, or is HelloCloudCollection deployed?



This will appear in the bottom right corner of Workday Studio.

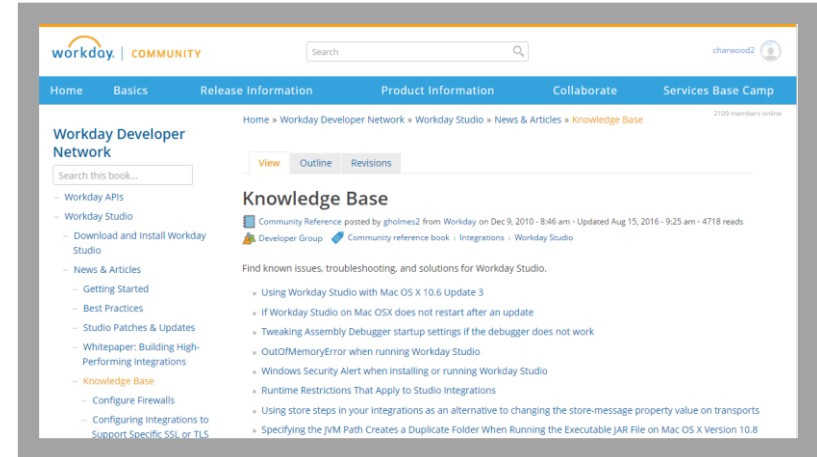
Verify That HelloCloudCollection Deployed

In addition to the HelloCloudCollection deployed message on the bottom right, you can also expand the Sandbox tenant in Cloud Explorer to see if HelloCloudCollection has the current date next to it and HelloCloud in a subfolder.



Connecting to Studio Information on Community

- Questions? Head to Workday Community.
<https://community.workday.com/studio-kb>
- Common issues:
 - Proxy Server Configuration -
<https://community.workday.com/node/15048>
 - Installing on MAC OS -
<https://community.workday.com/node/12231>



Questions?

- If you encounter any issues, please email the instructor for assistance.
- Once you have successfully deployed HelloCloud, please email the instructor to confirm.

You must successfully complete the deployment in order to participate in the course.

