

**Jasper VX Installation**  
Project Catalyst

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Table of Contents

[Installation 4](#_Toc262650708)

[1.1 Prerequisites 4](#_Toc262650709)

[2 Create a New Client 5](#_Toc262650710)

[2.1 Perforce 5](#_Toc262650711)

[2.2 Visual Studio 9](#_Toc262650712)

[2.3 Web.Config 14](#_Toc262650713)

[2.4 Local Machine Setup 15](#_Toc262650714)

[2.4.1.1 IIS 17](#_Toc262650715)

[2.4.1.2 IIS 6.0 17](#_Toc262650716)

[2.4.1.3 IIS 7.0. 17](#_Toc262650717)

[2.4.1.4 SQL Server 18](#_Toc262650718)

[2.4.1.5 Test 18](#_Toc262650719)

[2.5 Perforce Plug-In Configuration 19](#_Toc262650720)

[3 Open Issues 23](#_Toc262650721)

[4 Documented Concerns 23](#_Toc262650722)

[5 Appendix 23](#_Toc262650723)

Table of Figures

[Figure 1 Perforce Depot screen 5](#_Toc262650323)

[Figure 2 Client Spec menu 6](#_Toc262650324)

[Figure 3 Create New Client dialog box 6](#_Toc262650325)

[Figure 4 Perforce Client Specification screen 7](#_Toc262650326)

[Figure 5 P4Win Warning dialog box 8](#_Toc262650327)

[Figure 6 Selection of JasperVXLib.sin 9](#_Toc262650328)

[Figure 7 Source Control dialog box 10](#_Toc262650329)

[Figure 8 Change Source Control screen 10](#_Toc262650330)

[Figure 9 Open Connection dialog box 11](#_Toc262650331)

[Figure 10 Change Source Control - Connected screen 11](#_Toc262650332)

[Figure 11 Check Out for Edit screen 12](#_Toc262650333)

[Figure 12 Source Control 13](#_Toc262650334)

[Figure 13 New User 15](#_Toc262650335)

[Figure 14 Temporary ASP.NET File Properties 16](#_Toc262650336)

# Installation

## Prerequisites

The following tools and environment are needed to run JasperVX.

* Net 3.5
* Visual Studio 20008
* Flex Builder 3
* Perforce (P4 win)
* Perforce plug-in for the Flex Builder 3

The following tools are recommended:

* Fiddler with Jason viewer plug-in.

Include Alignment image (content 🡪 LOs/Spine 🡨 axonomies) and talk through at a high level how this relates all of the content areas

# Create a New Client

## Perforce

Use the following steps to create a new client with Perforce.

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Start the Perforce application on your local machine. |
| 2 | Perforce displays the initial Depot screen.  install1.png  Figure 1 Perforce Depot screen |

|  |  |
| --- | --- |
| **Step** | **Action** |
| 3 | On the toolbar, click on **ClientSpec**.  The system displays the drop-down menu shown below.  install2.png  Figure 2 Client Spec menu |
| 4 | Select **New**.  The system displays the dialog box shown below.  install3.png  Figure 3 Create New Client dialog box |
| 5 | Input a new **client** name. |

|  |  |
| --- | --- |
| **Step** | **Action** |
| 6 | Click **OK**.  The system displays the screen shown Perforce Client Specification screen.  install4.png  Figure 4 Perforce Client Specification screen |
| 7 | Input the following:   |  |  | | --- | --- | | **Field Name** | **Explanation** | | Root | The path of your local machine (working directory). | | View | Specify the mapping of depot locations to their client workspace.  *//depot/CoreTech/Jasper\_vX\_Catalyst\_Dev... //{your Client Name (JasperVX\_UserName)}/Jasper\_vX\_Catalyst\_Dev...*  *//depot/CoreTech/Jasper\_vX\_Catalyst\_TestBench/... ////{your Client Name (JasperVX\_UserName)}/TestBench/...* |   Click **Update**. |

|  |  |
| --- | --- |
| **Step** | **Action** |
| 8 | The system displays the P4Win Warning dialog box.  install5.png  Figure 5 P4Win Warning dialog box |
| 9 | Click **Sync to Head**.  Note: This process could take a while. |

## Visual Studio

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Right-click the **Start** button and select **Open Windows Explorer**. |
| 2 | Click **Local Disk (C:)** and select the following path:  *\Projects\Jasper\_vX\_Catalyst\_Dev\source\JasperVXLib* |
| 3 | Click **JasperVXLib.sln**.  i1a.png  Figure 6 Selection of JasperVXLib.sin |

|  |  |
| --- | --- |
| 4 | The system displays the Source Control dialog box shown below.  Click **Continue**.  sourcecontrolbox.png  Figure 7 Source Control dialog box |
| 5 | Highlight each **Solution/Project** that you want to bind.  i3a.png  Figure 8 Change Source Control screen |

|  |  |
| --- | --- |
| 6 | Click **OK**.  The system displays the Open Connection dialog box shown below.  i4a.png  Figure 9 Open Connection dialog box  The Server, User and Workspace entries are automatically populated. |
| 7 | Click **OK**.  The system enters a checkmark in the **Connected** field of each Solution/Project you selected.  i5a.png  Figure 10 Change Source Control - Connected screen |

|  |  |
| --- | --- |
| 8 | Click **OK**.  The system displays the Check Out for Edit screen.  i6a.png  Figure 11 Check Out for Edit screen  Check the boxes next to the file(s) that you want to check out. |

|  |  |
| --- | --- |
| **Step** | **Action** |
| 9 | Click **Check Out**.  The system displays the following Source Control warning box.  i7a.png  Figure 12 Source Control |
| 10 | Click **OK**. |

## Web.Config

The next step is to check for impersonation in the Web.config file. Use the following steps.

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Open Explorer and navigate to the following:  *C:\projecJasper\_vX\_Catalyst\_Dev\Web\jaspervxlms* |
| 2 | Click the **web.config** file. |
| 3 | Search for the following:  *<identity impersonate="true" userName="jasperAspNetDev" password="kaplanpw123$"/>* |
| 4 | If it is not there, add the line.  If it is present, close the file. |

## Local Machine Setup

Use the following steps to add and configure a local user.

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Open **Explorer**. |
| 2 | Right-click **Computer** and select **Manage**. |
| 3 | Under **Local User and Groups**, right-click **Users**. |
| 4 | Right-click **Users** and select **New User**.  The system displays the following screen.  lc1.png  Figure 13 New User |
| 5 | Input the following fields:   * User Name, as **jasperAspNetDev** * Full name * Password as **kaplanpw123$** * Confirm password |
| 6 | Remove the checkmark from **User must change password at next logon**. |
| 7 | Add a checkmark to **Password never expires**. |
| 8 | Click **Create**. |
| 9 | On Explorer navigate to:  *C:Windows\Microsoft.NET\Framework\v2.0.50727* |
| 10 | Click on user **jasperAspnetDev**. |
| 11 | Click on **Security** tab. The system displays the dialog box shown below.  lc2.png  Figure 14 Temporary ASP.NET File Properties |
| 12 | Under Permissions for jasperAspNetDev, check the **Allow** box for **Read** and **Write**. |
| 13 | Click **OK**. |

#### IIS

Use the following table to configure IIS.

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Create a virtual directory with the name **jasperVXLms**. |
| 2 | Map the virtual directory to ..\..Web\jaspervxlms. |
| 3 | Map the web root path to the **WEB** folder. |

#### IIS 6.0

Use the following table to configure IIs 6.0.

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Add **.MVC** extension to the IID mappings. |

#### IIS 7.0.

Use the following table to configure IIS 7.0.

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Add the following under <system.webServer>:  <validation validateIntegratedModeConfiguration="false"/> |
| 2 | <remove name="Session"/>  : |
| 3 | <add name="Session" type="System.Web. SessionState.SessionStateModule"/> |
| 4 | Add the above tags to <system.webServer><modules> Section |

#### SQL Server

Need to have windows authentication against the sql server.

JasperAspnetDev user has to have access to histories and user database.

#### Test

After completing the set up try navigating to **Login** page (<http://localhost/jaspervxlms/login.aspx>)

Login and see whether it navigates to one of the related page.

## Perforce Plug-In Configuration

Use the following table to configure Perforce with Flex Builder.

|  |  |
| --- | --- |
| **Step** | **Action** |
| 1 | Navigate to:  *Help/Software Updates/Find and Install* |
|  | Click **Next**. |
|  | Click **New Remote Site** button on the Install screen. |
| 2 | Add the following url to the dialog box shown below:  <http://www.perforce.com/downloads/http/p4-wsad/install/3.5>  lc3.png |
| 3 | Click **OK**. |
| 4 | Click **Finish**. |

|  |  |
| --- | --- |
| **Step** | **Action** |
| 2 | lc4.png |
| 3 |  |

|  |  |
| --- | --- |
| **Step** | **Action** |
| 2 | lc5.png |
| 3 | Click **Next**. |

|  |  |
| --- | --- |
| Step | **Action** |
|  | lc6.png |
|  | Finish the wizard to install the plugin. |
|  | After successful installation, Flex Builder closes and re-opens. |
|  | Right-click **Flex** project and navigate to:  *Team\Share Project* |
|  | Select **Perforce**. |
|  | Click **Next**. |
|  | Enter:  Port: prfny3a01:1666  User: <**your perforce user**> |
|  | Enter your Perforce client. |

# Open Issues

|  |  |  |
| --- | --- | --- |
| **#** | **Description** | **Owner** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Documented Concerns

Document reviewers should list all concerns they have in the following section. Risks and Issues will be captured separately and defined as items that are still open and have not yet been addressed. Concerns will be defined as items that have been addressed and closed, but which the reviewer would still like to document in order to capture pros/cons related to closed Risks and Issues.

|  |  |  |  |
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| **#** | **Raised By** | **Date** | **Description** |
| 1 |  |  |  |
|  |  |  |  |

# Appendix

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