

Dynamics of Inventor Content Center

The Autodesk® data management server manages Content Center libraries for Autodesk Inventor and Vault databases for Autodesk® Vault and Productstream™. Content Center libraries require the Autodesk data management server.

Note: Autodesk Inventor 2009 Content Center Libraries require Autodesk data management server 2009, and cannot be used with previous server versions.

Before installing Autodesk Inventor and the Content Center libraries, determine the installation scenario best suited for your company. Consider whether installing Content Center libraries and the Autodesk data management server on a central server is a solution to your company's needs. Content Center libraries installed on a central server can be shared with users running Autodesk Inventor 2009 on their local machine. This is especially useful if you work on projects requiring you to create custom libraries. It minimizes space requirements on the local computers.

Autodesk data management server requires Microsoft® Internet Information Services (IIS) for anything more than a single-user installation.

Before the server is installed, a check is performed to verify the presence of IIS. If you are installing the libraries locally, the Autodesk Web Server is installed if IIS is not detected.

Install the Server and Client Components for a Design Team

Overview

- Step 1.** Install the Content Center libraries and the Autodesk data management server on a central server.
- Step 2.** Install Autodesk Inventor 2009 on the local computers.
- Step 3.** Configure a shared project (.ipj) file for each of the local computers.
- Step 4.** Create Content Center Editor user accounts on the Autodesk data management console. You must create Editor accounts for those requiring editing permission. Communicate user account information and the Login procedure to each member on the team.

STEP 1

Install Content Center libraries and the Autodesk data management server on a shared remote server

1. Install the Web server, Internet Information Services (IIS), on the remote server. IIS must be installed on the computer before installing Autodesk data management server. For installation details, see the Autodesk Data Management Server Implementation Guide.
2. During installation, in the "Select the products to install" dialog box, leave the check box next to Autodesk Vault 2009, unselected. Typically, you install Autodesk Vault on the local (client) computers.
3. In the same dialog box, select the check box next to Content Center libraries. If Autodesk data management server 2009 is not already installed on this machine, its check box is automatically selected at this time.

Note: Inventor 2008 and 11 Content Center libraries must be migrated to be used with Inventor 2009. See the *Content Center for Side-by-Side Installations of Inventor* document for details.

CONTENT CENTER INSTALLATION GUIDE

4. In the “Select Content Center libraries” dialog box, select the check boxes next to the libraries you want to install. At least one library must be selected. Click Next.
5. In the “Review-Configure-Install” dialog box, click Install to install the applications you selected.

STEP 2

Install the Client components and configure the local computers to access the libraries on the shared remote server

1. During installation, in the “Select the products to install” dialog box, select the check box next to Autodesk Vault 2009, if you plan to use Autodesk Vault to manage your CAD data.
2. Select the check box next to Content Center libraries if the user must access the Content Center libraries while not connected to a central server (Autodesk data management server 2009 and Content Center libraries are installed on the local computer). If you also have Autodesk Inventor 2008 or 11 installed on the local computer, and Inventor 2008, 11 and Inventor 2009 must access local content, select the check box next to Autodesk Inventor Client Upgrade for ADMS 2009. This patches the local Inventor Content Center to allow it to access Autodesk data management server 2009. Click Next.

Note: Inventor 2008 and 11 Content Center libraries must be migrated to be used in Inventor 2009. See the *Content Center for Side-by-Side Installations of Inventor* document for details.

If the user is working in a shared environment, and is only accessing the Content Center libraries from a central server, leave the check box next to Content Center libraries unselected and proceed to item 4.

3. In the “Select Content Center libraries” dialog box, select the check boxes next to the libraries you want to install. At least one library must be selected. Click Next.
4. In the “Review-Configure-Install” dialog box, click Install to install the applications you have selected.

Note: The following applies when Autodesk data management server 2009 and Content Center libraries are installed on the local computer

- If Autodesk data management server is being installed on the local computer, the installer checks to see if IIS is also installed. If IIS is not installed, Autodesk Web Service (AWS) is installed so the user can continue to access the Content Center libraries when not connected to the company’s server.
- We recommend you always work as a Read-Only Content Center user when not connected to a central server.
- In Autodesk Inventor, log into the Autodesk data management server and enter ‘localhost’ for the server, so you can continue to access Content Center data.

STEP 3

Configure the local computers

1. Start Autodesk Inventor on each of the local computers.
2. Log into the Autodesk data management server: File > Data Management Server > Log In.

User name: Enter the user name for an administrator account (the default administrator account is "Administrator").

Password: Enter the password (by default, no password is required).

Server: Enter the name of the computer on which the Autodesk data management server is installed.

For example:

- MyRemoteServer OR
- The IP address (for example: 141.111.111.111) OR
- The full computer name for your network domain (for example, pc-name.xyz.autodesk.com).

Database: Enter the name of a Vault database located on the specified server. The default is "Vault."

3. In the Project dialog box, click Folder Options. Specify a path to the root folder for the Content Center library files used by the current project for Content Center files in the Project dialog box. Content Center library files are copied to this location when you access and edit a standard part. Specify the path to the network location on each of the local machines if you want each user to automatically get the most recent library content.
4. Click Save.

STEP 4

Create accounts for Content Center Editors and Administrators

In Autodesk data management server console, create user accounts for anyone requiring editing permissions. Communicate user account information and the Log In procedure to each member in the team.

Work as a Single User

Install Autodesk Vault, Autodesk data management server, and the Content Center libraries on a stand-alone computer

1. During installation, in the "Select the products to install" dialog box, select the check box next to Autodesk Vault 2009, if you plan to use Autodesk Vault to manage your CAD data.
2. Select the check box next to Content Center libraries. If you also have Autodesk Inventor 2008 and/or 11 installed on the stand-alone computer, and Inventor 2008, Inventor 11 and Inventor 2009 need to access content, select the check box next to Client Upgrade for ADMS. This will patch Inventor Content Center to allow it to access Autodesk data management server 2009. Click Next.

Note: Inventor 2008 and 11 Content Center libraries must be migrated in order to be used in Inventor 2009. See the *Content Center for Side-by-Side Installations of Inventor* document for details.

3. In the "Select Content Center libraries" dialog box, select the check boxes next to the libraries you want to install. At least one library must be selected. Click Next.

4. In the "Review-Configure-Install" dialog box, click Install to install the applications you have selected.

Upgrade Previous Versions of Autodesk Data Management Server

Whenever you upgrade to a new server build:

1. Use Autodesk Vault Manager to back up all vault and library data.
2. From the Microsoft Windows Add or Remove Software dialog, remove the previous version of the Autodesk data management server.
3. Use the Autodesk Installer to install Autodesk data management server 2009. If a compatible database is detected during installation, you are prompted to migrate the database to work with Autodesk data management server 2009 after installation is complete.

Note: If you are upgrading to a new version of Autodesk data management server, do not remove the SQL instance or file store. These two components comprise all the library and vault data on the server. If detected during installation, you are prompted to migrate the data once installation is complete. Removing these components results in loss of any data that was not backed up using Autodesk Vault Manager.

System Requirements

Approximately 1.3GB of hard drive space is required when the installation is completed.

An additional 1GB of temp space is required for installation or maintenance operations on the database.

For sites where every user will have exactly the same configuration:

The following applies to all license types:

1. When the Autodesk Inventor installer starts, select Create Deployments and proceed with installation.
2. You can build a deployment image with these characteristics:
 - Installs silently on any system.
 - All options are preset during the process of creating the deployment image.
 - The user cannot change the configuration.
 - If the install is not silent, the defaults for each option are set to what is selected during the construction of the deployment image.
 - The defaults for each option are set to what is selected during the construction of the deployment image.
3. This image is suitable for push installs to client workstations.



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