

How to upgrade a Dexterity-based application in Microsoft Dynamics GP or in Microsoft Great Plains by using the Dexterity Source Code Control Service

CONFIDENTIAL ARTICLE

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SUMMARY

To upgrade a Dexterity-based application in Microsoft Dynamics GP or in Microsoft Business Solutions - Great Plains, you must use the Dexterity Source Code Control Service.

Partner Only Article

Article ID : 910527
Last Review : 2006-02-17
Revision : 1.0

INTRODUCTION

This article describes how to upgrade a Dexterity-based application by using the Dexterity Source Control Service. The following steps upgrade an application from Microsoft Great Plains 7.5 to Microsoft Great Plains 8.0.

MORE INFORMATION

The following steps assume that you have already installed Microsoft Visual SourceSafe 6.0 (VSS) and the Dexterity Source Code Control Service (DSCCS). The DSCCS can be installed from the Tools\Dex\DSCCS folder on Microsoft Great Plains CD 2.

Step 1: Set up the DSCCS.

- a. Click **Start**, and then click **Control Panel**.
- b. Click **Dexterity SCCS**.
- c. In the **Provider** list, click **Microsoft Visual SourceSafe**.
- d. Click **Browse**, and then locate and click the **SrcSafe.ini** initialization file. By default, the path is as follows:
C:\Program Files\Microsoft Visual Studio\VSS\SrcSafe.ini
- e. Click **OK**.

Step 2: Set up VSS.

- a. Click **Start**, point to **All Programs**, point to **Microsoft Visual SourceSafe**, and then click **Visual SourceSafe 6.0 Admin**.
- b. Log on as the Admin user.
- c. Click **Users**, and then click **Add User**. The program creates a user for your user name without a password.
- d. Click **Start**, point to **All Programs**, point to **Microsoft Visual SourceSafe**, and then click **Visual SourceSafe 6.0**.
- e. Log on as your user name.
- f. Click the root node on the tree, and then click **Create Project** on the **File** menu.
- g. Type the name of your development project. For example, type **Project**. The project can be the name of the dictionary or the name of the chunk file.

Step 3: Create the development environment.

- a. Make sure that your development project is in a subfolder of your Dexterity 8.0 installation. The C:\Dex800\Project subfolder is used as an example in this procedure.
- b. Copy the Microsoft Great Plains 7.5 development dictionary that contains your code to the subfolder. For example, copy the Proj_Dyn.dic dictionary file to the C:\Dex800\Project subfolder.

Note Make sure that you also copy the associated *.dat and *.idx tables so that you keep your references and worksets together.

- c. Copy the Dexterity 8.0 Dex.ini file to this subfolder. For example, the copy operation will have the following

path:

C:\Dex800\Project\Dex.ini

- d. Create a shortcut for the Dexterity 8.0 Dex.exe file, and then move the shortcut to this subfolder.
- e. Modify the shortcut for Dex.exe. Add the path of the dictionary and the path of the Dex.ini file to the target as parameters. For example, the path will appear as follows:

C:\Dex800\Dex.exe C:\Dex800\Project\Proj_Dyn.dic C:\Dex800\Project\Dex.ini

Always use this shortcut when you are developing this project from now on. Each project must have its own Dex.ini file. The settings for the Dexterity Source Code Control Service are stored in the Dex.ini file.

Step 4: Create a connection to VSS.

- a. Start Dexterity by using the shortcut. Your dictionary will be directly loaded.
- b. On the **Edit** menu, click **Options**, and then click the **Source Control** tab.
- c. Set the **Repository Name** field to the computer that is running the Dexterity Source Control Service. If you are using the local Dexterity Source Code Control Service, set the Repository Name field to **localhost**.
- d. Type your user name.
- e. Leave the password blank.
- f. In the **Project Name** field, type **Project**.
- g. Set the **Temp File Location** field to the local Temp folder.
- h. Make sure that the **Original Dictionary** field is set to a Dexterity 7.5 original Dynamics.dic file without modifications. For example, the original dictionary is C:\Dyn750\Dynamics.dic.
- i. Click to select all three check boxes.
- j. Validate the connection.
- k. Add **\750** to the name in the **Project Name** field, For example, the project name field will be **Project\750**.
- l. Click **OK**.

You will now have separate subprojects for each version. However, the validate feature does not understand subprojects.

Step 5: Perform the initial check-in of the Dexterity 7.5 code.

- a. In Dexterity, click **Source Control** on the **Explorer** menu, and then click **Update SCC State**.
- b. For each item in the **Alternate Form** and **Report** lists, you must open the form or report to change the state from **Main Product**. Double-click the item to open the form definition or report definition window, and then click **OK**.
- c. On the **Explorer** menu, click **Source Control**, and then click **Check In**.
- d. Click **Insert All**, and then type a description. For example, type **Initial 7.50 Check-In**. Click **Check in**, and then close the window.
- e. On the **Explorer** menu, click **Source Control**, and then click **Update Index File**.

Step 6: Perform the initial check-in of the Dexterity 7.5 code as the start of the Dexterity 8.0 project.

- a. On the **Edit** menu, click **Options**, and then click **Source Control**. In the **Project Name** field, change **\750** to **\850**.
- b. Click **OK**.
- c. In Dexterity, click **Source Control** on the **Explorer** menu, and then click **Update SCC State**.
- d. For each item in the **Alternate Form** and **Report** lists, you must open the form or report to change the state from **Main Product**. Double-click the item to open the form definition or report definition window, and then click **OK**.
- e. In the code, note any references that add palette items or toolbar menu items, and then delete the code to avoid errors later.
- f. On the **Explorer** menu, click **Source Control**, and then click **Check In**.

- g. Click **Insert All**, and then type a description. For example, type **Initial 8.00 Check In**. Click **Check In**, and then close the window.
- h. On the **Explorer** menu, click **Source Control**, and then click **Update Index File**.

Step 7: Prepare for the Dexterity 8.0 project.

- a. Make sure that you have a backup of the Dexterity 7.5 Development dictionary. Then, delete it. For example, delete C:\Dex800\Project\Proj_Dyn.dic.
- b. Copy a clean Dexterity 8.0 Dynamics.dic file into the folder, and then rename it Proj_Dyn.dic. This dictionary will become your new development dictionary.
- c. On the **Edit** menu, click **Options**, and then click **Source Control**. In the **Original Dictionary** field, change the path of the Dexterity 8.0 dictionary. For example, change the path of **C:\Dyn800\Dynamics.dic**.
- d. Click **OK**.

Step 8: Create a new Dexterity 8.0 development dictionary.

- a. In Dexterity, click **Source Control** on the **Explorer** menu, and then click **Update SCC State**.
- b. On the **Explorer** menu, click **Source Control**, and then click **Update**.
- c. Click **Use Index File**. For more information, click the following article number to view the article in the Microsoft Knowledge Base:
[894699](#) How to use an index file and the Great Plains Dexterity source code control functionality to make sure that the resources that you create maintain the same resource ID in different builds and versions of your code
- d. Click **OK**.
- e. Leave all the resources selected, and then click **OK** to start the update.
- f. If your code contains references to palettes or toolbars, you may receive errors. If you do receive errors, go to step 9.

Step 9: Fix the code.

- a. Check out any code that is failing. Make the appropriate changes for Dexterity 8.0. For more information, click the following article number to view the article in the Microsoft Knowledge Base:
[894701](#) Tips and references for upgrading your Great Plains Dexterity-based application to Great Plains 8.0 Dexterity
- b. After everything is working in test mode, click **Source Control** on the **Explorer** menu, and then click **Check In**. Check in all the changes.
- c. On the **Explorer** menu, click **Source Control**, and then click **Update Index File**.

Now you are finished. You can create your chunk.

APPLIES TO

- Dexterity, when used with:
 - Microsoft Dynamics GP 9.0
 - Microsoft Business Solutions–Great Plains 8.0
 - Microsoft Business Solutions–Great Plains 7.5
 - Microsoft Great Plains eEnterprise 7.0
 - Microsoft Great Plains Dynamics 7.0
 - Great Plains eEnterprise 6.0
 - Great Plains Dynamics 6.0

Keywords: kbmbspartner kbmbsmigrate kbhowto KB910527