



Description: This AppNote will explain how you can integrate your projects with Microsoft Visual SourceSafe.

OS Requirement: Windows XP/2000/NT/95/98/Me.

General Requirement: Iconics will **NOT** ship Microsoft's Visual SourceSafe with GENESIS32. The customer is required to purchase this product separately. Visual Source Safe may be installed on any computer on the local network.

ProjectWorX32 provides a feature that allows you to back up projects and application files to Microsoft® Visual SourceSafe.

Steps:

1. Before you can login to Visual SourceSafe through ProjectWorX32 and back up your projects, you must configure a user profile in Visual SourceSafe. By default an Admin account and a Guest account are created. You can create users and modify the Access rights for each of them by going into Visual Source Admin from **Start -> All Programs -> Microsoft Visual Studio 6.0 -> Microsoft Visual SourceSafe -> Visual SourceSafe 6.0 Admin**.
2. After you are set with creating users and accounts, open ProjectWorX32 from **Start -> Programs -> Genesis32 -> ProjectWorX32**.
3. Click on **Tools Menu - Login to SourceSafe** to login from ProjectWorX32. See the figure below:

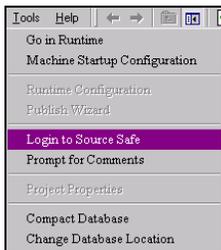


Figure 1

4. The login window will open up as shown below. By default the Admin user name with no password will work. You can also login using the account you create. Make sure the **SourceSafe.ini** points to the correct location. Usually this file is located at

C:\Program Files\Microsoft Visual Studio\Common\VSS\



Figure 2

5. Once you login you can check in and check out the files. To see the various options available for interaction **right click** on the project and select **source control**. Alternatively you can do the same by right clicking on any application module. See the figure below:

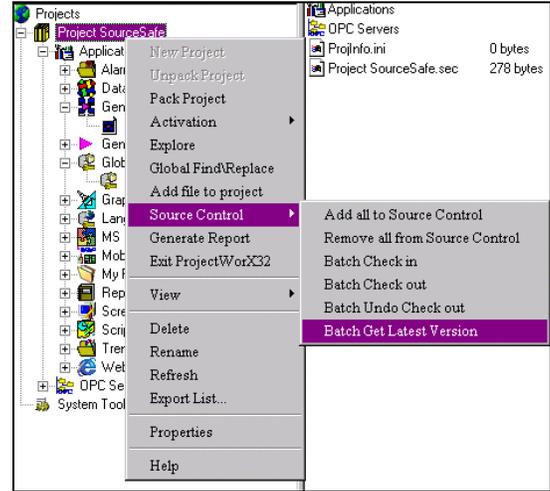


Figure 3

6. Let us take an example, GWX, and see how we can check in and check out the files. Go to the GWX and select a display and **right click** to add the file to the Source Control. See the figure below:

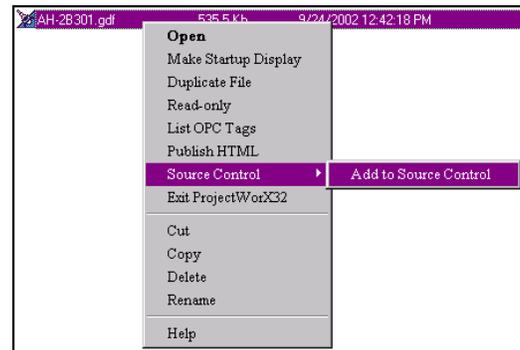


Figure 4

7. When you place a file in source safe, it becomes read-only on your hard drive to prevent accidental modifications. After you add the display to the file control you will see that the icon has changed. See the figure below:

Name	Size
 AH-2B301.gdf	535.5 Kb

Figure 5



- If you open Source Safe from **Start – Programs – Microsoft Visual Studio – Visual Source Safe – Microsoft Visual SourceSafe**, you will see that a project has been created and the display is added to the project. See the figure below:



Figure 6

- Now when you right-click on the display in ProjectWorX32, you can see the other options available. You can checkout the file, you can get the history of the file, you can print a report regarding the file (what changes have been made), as well as get the version of the file. See the figure below:

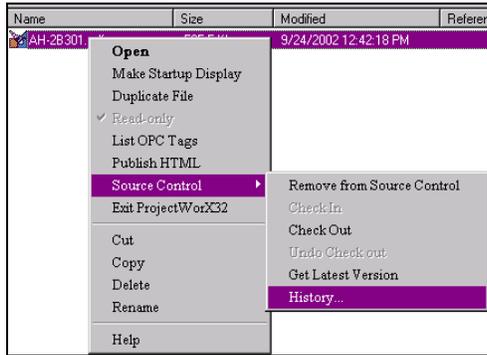


Figure 7

- Click on **History** and the following window will open up.

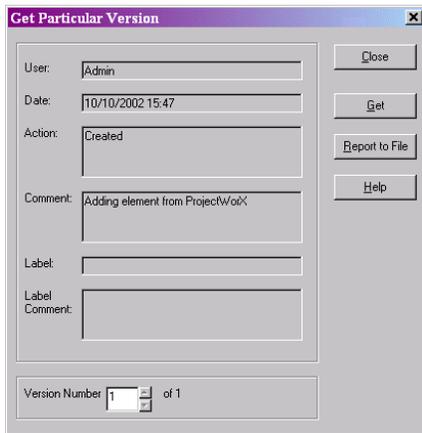


Figure 8

- Click on **Report to file** and a Report will be created in a notepad. See the figure below:

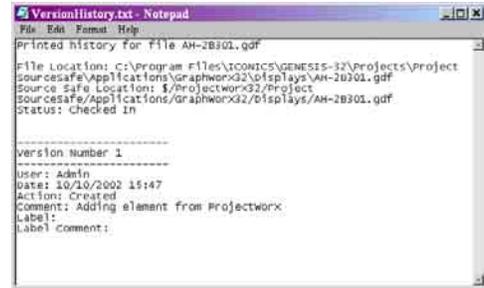


Figure 9

- Click on **Get Button** in **Figure 8** to get the Latest version. Alternatively you can also do the same by clicking on **“Get Latest Version”** in **Figure 7**. It will give a message box, asking if you would like to get the latest file from SourceSafe and replace the existing file. Click **YES**. See the figure below:

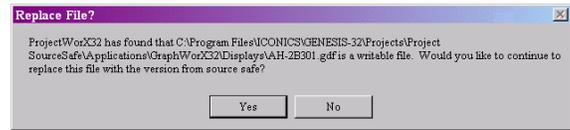


Figure 10

- If you need to do any modification to the GDF file, you need to **CheckOut** the file first. If you just do "Get latest version" you will get the latest version from Source Safe but it will stay read-only on your hard drive. Checking the file out will make it read/write. After you checkout the file, see the change to the icon in the SourceSafe and also in ProjectWorX32. See the figures below:

Name	Size	Modified	Reference to
AH-2B301.gdf	535.5 Kb	9/24/2002 12:42:18 PM	

Figure 11

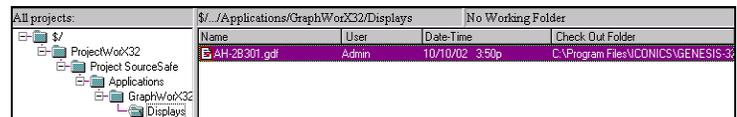


Figure 12

- After you checked out the file you have two options:
 - CheckIn**. This will store the modified file inside source safe and make the file on your hard drive read only again;
 - Undo CheckOut**. This will unlock the file in source safe without modifying it with the latest changes.



15. When you want to remove the file from SourceSafe, you can do so, by selecting the **Remove from Source Control** Option from Figure 7. A message box will appear asking you to confirm. See the figure below:



Figure 13

16. If you select **"Remove Source Safe copy"** the file will be deleted from source safe. It will be possible though to retrieve an older version using the history feature of source safe. If you select **"Destroy source safe copy permanently"** the file will be deleted permanently from source safe and by no means it can be restored.