

Release Notes for Versions 2.0a™

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This release of Versions 2.0a is supported on Windows 95, Windows NT 3.51 and Windows NT 4.0.

If you have access to CompuServe, you may participate in discussions about Versions and obtain the latest information about Versions. To join our forum type GO STARBASE.

If you have access to the Internet, visit our home page at <http://www.starbase.com>.

Contents

- Part 1 Getting Started**
 - Installing Versions
 - Video Tutorials
 - Samples
 - Online Help
 - Accessing Electronic Manuals
- Part 2 What's New in Versions 2.0a**
 - New Features
 - Upgrading from a previous Versions 2.0 release
- Part 3 General Information**
 - Using Versions with HAHTSITE Internet Application Builder
 - Possible Performance Issue for Microsoft Team Manager Users
 - Your Computer's Clock
 - A Note to PVCS Users
 - Backups
- Part 4 Known Problems**
- Part 5 Sales and Product Support**

Part 1 Getting Started

Installing Versions

CD-ROM installation:

Note: All of StarBase's products are on your Versions CD. If you did not purchase the required license to install a particular product (i.e. your copy does not include a registration card with a serial number/activation key combination for a particular product), you may still install evaluation copies of these products by leaving the serial number and key information blank during installation. Evaluation copies are fully functional versions but with a thirty day product review period.

To install Versions:

1. Close all other Windows applications and insert the Versions 2.0a compact disc into your CD-ROM drive.
2. Select **Start => Run....** if using Win95 or Windows NT 4.0
Or, if using Program Manager, select **File => Run...**
3. Type **x:\setup.exe** (where x: is the drive letter of your CD-ROM drive) and press Enter.
4. Click **Install Versions** (**Note:** You will need to have your registration card's serial number and activation key handy during installation, otherwise the evaluation copy will be installed.)

Follow the installation instructions on the screen.

You can do a Typical, Compact, or Custom installation. A typical installation adds the StarDraw sample project. The Compact installation only includes the files you need to run Versions. With a Custom installation, you can install either of these along with online documentation and support for integrating into other vendor's development environments.

Video Tutorials

Note: To use the video tutorials you need to have a multi-media sound card.

To help you learn about Versions, we have included a suite of video tutorials. To run these tutorials, click the **Video Tutorials** button in the master setup program (located as x:\setup.exe on your product CD).

Samples

To help you learn about Versions, we have included a sample Versions project called StarDraw. It contains a Visual C++ sample application and related materials. We have already checked in sample files and added some sample defects and topics. It is complete and ready to use.

The StarDraw sample project is installed on your hard drive as part of a Typical installation. To use the project, double-click the **StarDraw Sample Project** icon in your Versions program group, log in using the name **NAllis**, and take a test drive.

Online Help

For a quick explanation on how to set up a project, add files, check in and out files, enter defects as well as topics, etc., see the online help file VERSIONS.HLP. With the Contents tab active, double click on **Versions**, and then **Quick Start: Perform these procedures in order**

Accessing Electronic Manuals

You have access to the Versions user guide in electronic form. This is in addition to the context sensitive help automatically installed with all StarBase products and available from the Help menu.

Note: If you do not want to install the online documentation file to your workstation but would still like to access it, look for it on the Versions CD under **\docs\versions.pdf**.

Because the online manual for Versions 2.0a is in PDF format, you must have the **Adobe Acrobat Reader** installed.

If you do not already have Adobe Acrobat Reader installed, follow these instructions:

1. With the Versions CD loaded, run **x:\acrobat\ar32e30.exe** (where x: is the drive letter of your CD-ROM drive). This program allows you to read Adobe Portable Document Format (.PDF) files. This directory also contains a ReadMe file that provides more details regarding the Adobe Acrobat Reader.

2. Follow the on-screen instructions to finish the Acrobat Reader installation.

To install the Versions online manual:

3. Do a Custom Versions installation with the **Online documentation** box checked.

When the Acrobat Reader is installed, an association is established between .pdf files and the Acrobat Reader, allowing you to access the Versions **versions.pdf** manual or any of the other electronic Versions User Guides.

Part 2

What's New in Versions 2.0a

New Features

- Enhanced subproject branching and merging which enables recursive branching using label or date designations.
- Force check-in reason for file changes. Always keep other team members up to date on why a file changed.
- File check-in reason length raised from 255 characters to 20K. Provides ability to maintain a more detailed file change history.
- Lines expanded using the \$Log\$ keyword can now be prefixed with a comment character appropriate to file type. Especially useful for development environments that do not have multi-line comment support.

Upgrading from a previous Versions 2.0 release

Versions 2.0a requires a new format for its workstation database and project databases (.stp) files from that of earlier versions of the product.

Note: Before upgrading a project, back up the project database file (.stp) and vault directory (the .vlt directory located in your project's directory) and have any currently logged in project users exit their copies of Versions.

1. Run Versions 2.0a. When you first open any Versions project, you are asked to upgrade your Versions workstation database format. Click **OK**.

Note: For every Versions user, a format upgrade takes place on the "workstation database". This file (found in the Windows directory as *stwork20a.db*) contains information specific to the workstation on which Versions is running.

This upgrade request occurs only once and only on workstations that had Versions previously installed.

2. If the Versions project file (.stp) has not been opened before under this service pack, you are asked to upgrade the project's database format. Click **OK**.

Note: Only the first user who opens an preexisting project is asked to confirm the upgrade process.

The project is now available under this service pack.

Part 3 General Information

Using Versions with HAHTSITE Internet Application Builder

To integrate with HAHTSITE, choose Versions *Custom* install and select *MS Developer Studio Integration*.

The source code control interface provided by Versions in HAHTSITE offers similar functionality as that provided by the Microsoft SourceSafe product. However, some differences do exist:

1. Versions does not implement the Properties and History selections on the HAHTSITE source code control menus. These features are, however, available in the Versions' user interface.
2. From within Versions, it is recommended that you check *Mark unlocked files read-only* via Options=>Workstation=>Defaults. This is important because HAHTSITE requires that you check out the folder in which you want to add, rename or delete a file. With the read-only option selected, the Versions' integration warns you about attempting to add a file without checking out the folder.
3. If you choose not to use the read-only option described above, it is possible to add a file in a folder without checking out the folder. However, because the folder was not checked out, the file you have added will not be visible to other users through the HAHTSITE interface. If this happens, you can check out the folder and use the HAHTSITE file import facility. See the HAHTSITE documentation for a discussion of how file import works.

Please visit <http://www.starbase.com/hahtsite.htm> for late breaking news and information on enhancements and changes available in StarBase products for HAHTSITE users.

Part 4 Known Problems

The following issues relate to Microsoft's Visual Basic 5.0

Description: In some cases the error message, "Some file(s) could not be saved. The project was not added to Star Team. Save your project and try again." is received when trying to add two previously created projects within a project group to source code control. For example, if you open a project group (with 2 or more projects) which was created before StarTeam was installed, VB will automatically prompt you to add the first project to source code control. At this point, if you add the project to source code control, VB will not prompt you to add the second project. Any attempt to manually add the second project to SCC will generate the message above.

Workaround: Answer "No" for both (all) projects when asked to add to SCC, and then go back and add them manually. If you have already received the above message, simply restarting VB and then adding the second project should be sufficient.

Description: In some cases the error message, "Failed to reload project. Please close this project from the file menu and re-open it to get the correct version of all files loaded into memory." is generated by VB.

Workaround: Reopen the project/group using the open option on the VB file menu. Visual Basic does not have a close option on the file menu.

Description: In some cases the error message, "Another user (username) has placed this project under source code control and is the only person who should work with it." is received.

Workaround: The solution to this problem is simply to restart VB. If you have already seen the error message, chances are that the StarTeam project was created, but that your VB project files were not added. In this case, simply add the files by selecting Tools|Star Team|Add Project To StarTeam, and Open the project you previously created.

Possible Performance Issue for Microsoft Team Manager Users

Versions and Microsoft Team Manager share the same database engine. The Microsoft Team Manager install program changes a default workstation registry entry that limits the database engine's memory usage. This change causes a decrease in Versions' performance when one or more Versions projects are opened.

If Microsoft Team Manager is installed and you open more than one project within Versions, you may experience this performance problem. You can fix the problem by removing the memory usage restriction from your registry. This setting, when removed, is then calculated dynamically by the database engine.

WINDOWS REGISTRY EDITING SHOULD ONLY BE DONE BY EXPERIENCED USERS. USE EXTREME CAUTION.

1. Windows NT users run REGEDT32.EXE to edit registry settings; Windows 95 users run REGEDIT.EXE.
2. Remove the following value from your registry:
*[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Jet\3.0\Engines\Jet]
"MaxBufferSize"=dword:0X80*

Your Workstation's Clock

Versions does not rely exclusively on your computer's clock and the date/time stamp of your working files to determine what needs to be checked in or out. Versions will still function properly, even if your computer's clock is not in sync with other team members' clocks. However, most compilers and development environments are still sensitive to the date and time stamps. Files that were checked in by another member of your team will, by default, have the date and time stamp set by your teammate's clock, even when you check the file out. If your clock is not in sync with your teammate's, you may experience problems compiling or building the file. Therefore, we still recommend using whatever service your network server supports for synchronizing all workstation clocks.

Windows network users can execute the following to synchronize their workstation time with their server:

```
net time \\server_name /set /yes
```

A Note to PVCS Users

The PVCS import utility included with Versions works and was tested with projects created using PVCS 5.2.10, 32 bit edition.

The PVCS Import utility relies on your workstation having a valid copy of PVCS Version Manager installed. If you encounter errors while running the PVCS Import utility, make sure you can successfully run PVCS Version Manager. If you cannot run PVCS Version Manager, you will not be able to run the PVCS Import utility. You will also want to make sure that the PVCS Version Manager directory is in your workstation's PATH.

Backups

It is extremely important that you maintain regular backups of all your files. This includes the project database stored either locally or on your network server. Please do not use Versions as a substitute for regular backups.

Part 5 Sales and Product Support

StarBase Corporation looks forward to helping you solve your development needs. Please call 1-888-STAR700 for assistance or to order any of the Versions or StarTeam products.

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Visit our web site or our Compuserve forum for further product and company information.

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