How to install Visual C on your home computer

MIT has a site license for Visual Studio 6.0 and consequently, the students in 16.070 may install Visual Studio off of the MIT network and onto their personal computers.

For this class, Visual Studio 6.0 (of which Visual C is a component) may be found on the server "Aero-Astro". The IP address of that server is "18.34.0.243".

Visual Studio 6.0 is a set of *very* large programs. Fortunately, you will not need to install the programs completely. All you will need are the parts of Visual Studio that pertain to Visual C. The directions below will guide you through accessing the file server named "Aero-Astro" and installing Visual C components that will be helpful for completing 16.070 assignments on your home computer.

These instructions should apply to Windows NT 4, and Windows 2000 computers.

1	Go the "My Computer" window.
	Right click the mouse.
	Click "Map Network Drive"
2	In the folder box, type "\\18.34.0.243\16.070Class\VisualC\Disk1"
	Underneath the folder box, click on "connect using a different user name"
	When this window pops up, in the Username field type:
	"AA-DESIGN\username" (where username is your Athena username)
	Click "Finish"
3	run "setup.exe"
	SETLIP EXE
1	The installation process should begin Click the "Next" button
4	
	💀 Installation Wizard for Visual Studio 6.0 Professional Edition
	Visual Studio 6.0 Professional Edition
	In the Yusua's busic 6 UP hotestronia & dottor's stup program will wark you through intalling the applications and components you'll need to accomplish your programming tasks.
	Use the Next button to proceed to the next screen. If you want to change something in a transition and the Back button. You may cancel the
	installation at any time by clicking the Exit button.
	If you would like to view the Visual Studio 6.0 Professional Edition Readme file, click here:
	<u>View Readme</u>

5 The end-user license agreement will appear. Click on the "I accept" button and then click "Next" X End User License Agreement Be such to carefully read and understand all of the rights and restrictions described in the EULA. You will be asked to review and either accept on the socies the terms of the EULA. The power of the right accept and you may print the test of the EULA trims the value this of this poduct. You may also receive a copy of the EULA be conclearing the Microsoft buildings environg you control, or write. Microsoft Sale Information Exercision buildings environg you control, or write. Microsoft Sale Information Center/One Microsoft Way Predemical. Wite Sales CS38. END-USER LICENSE AGREEMENT FOR MICROSOFT SOFTWARE -NPOPRIAN FRAD CAREFULLY. This Microsoft End User License Ageement (FULA') is a legal generant between you (ofter an individual or a single end) and Microsoft Corporation for the Microsoft rollware and may individual for the off certain the Microsoft contrares and may individual for the off certain the Microsoft individual de single company finit EULA, which included | computer software and may individual for the off certain the Microsoft individual de single company finit EULA, which included | computer to the Microsoft and the Microsoft and the Microsoft intelling, cooping, or dhewise using the SIPTWARE PRODUCT or any re-Press the PAGE DOWN key to see more text... I accept the agreement
 I don't accept the agreem < Back Next > You will be prompted for you product id number. Enter "374" in the first box and 6 '6347143" in the second box. Type your name into the "Your Name" field. Click "Next". 🐝 Installation Wizard for Visual Studio 6.0 Professional Edition × Product Number and User ID Please enter your product's ID number: 374 · 6347143 Please enter your name and your company's name Your name: Louis Breger Your <u>c</u>ompany's name: <Back Next> 7 Next, you will be asked whether you want to install "Visual Studio 6.0 Professional Edition" or "Server Applications". Choose the first item, "Visual Studio 6.0 Professional Edition". Click "Next". 10 Installation Wizard for Visual Studio 6.0 Professional Edition × Visual Studio 6.0 Professional Edition Select Install Visual Studio 6.0 Professional Edition to define an integrated setup of products and server applications for this workstation. Select Server Applications to skip over the setup of workstation tools and go directly to server installation options. Custom - Server Setup Options © Install Visual Studio 6.0 Professional Edition. C Server Applications < Back Next > -

8	Now you should get a message "Starting Visual Studio 6.0 Setup, please wait" This may take several minutes
	may take several minutes.
	Microsoft Visual Studio 6.0 Setup Starting Visual Studio 6.0 Setup, please wait
9	Setup will now recommend that you close any copies of Visual Studio you have running. Chances are, you don't have any copies running. Click "Continue".
	Visual Studio 6.0 Professional Setup
	Welcome to the Visual Studio 6.0 Professional installation program.
	Setup cannot install system files or update shared files if the files are in use. Before continuing, close any open applications.
	WARNING: This program is protected by copyright law and international treaties.
	You may install Visual Studio 6.0 Professional on a single computer. Some Microsoft products are provided with additional rights, which are stated in the End User License Agreement included with your software.
	Please take a moment to read the End User License Agreement now. It contains all of the terms and conditions that pertain to this software product. By choosing to continue, you indicate acceptance of
	these terms.
	Continue Exit Setup
10	Now a scroop will inform you of your Product ID _ Click "OK"
	Visual Studio 6.0 Professional Setup
	Product ID: 82898-374-6347143-24089
	Microsoft for technical support, you will be asked for this number.
	For your records, please write down this number in the designated portion of
	your registration card. After the sourceare has been installed, you can access the number by clicking the About command on the Help menu.
	ок
11	Visual Studio Setup will now search through your machine for any parts of the program
	unat may aneduy be installeu. This may take a lew minutes.
	Setup is searching for installed components

12	If you do not want to install Visual Studio in the location specified, you will click "Change Folder". You will want to install Visual Studio on a hard drive that has at lease 300 megabytes free.
	Click the "Custom" button when you are ready to proceed.
	Visual Studio 6.0 Professional Setup Image: Comparent Setup To start installation, click the large button. Image: Custom Setup will allow you to customize which components to install Folder. C:\Program Files\Microsoft Visual Studio Exit Setup Exit Setup
13	This is a very important step. If you want to save hard drive space and install time, make sure you install the correct components. You may uncheck Visual Basic, Visual FoxPro, Visual InterDev, ActiveX, Professional Tools, and Graphics. This should leave you with only Visual C++, Data Access, and Tools checked. To make the installation even smaller, you should now click Visual C++ and then click "Change Option".
	Visual Studio 6.0 Professional - Custom Image: Comparison of the items you want installed; clear the items you do not want installed. A grayed box with a check indicates that only part of the component will be installed. To select all components in the Option list, click Select All. Description: Options: Description: Microsoft Visual Basic 6.0 05622 K Microsoft Visual FoxPro 6.0 056523 K Microsoft Visual FoxPro 6.0 95750 K Microsoft Visual FoxPro 6.0 95750 K Professional Tools 11623 K Professional Tools 11623 K Folder for Currently Selected Option: Select All Folder for Currently Selected Option: Change Eolder Space required on C: 322596 K
	Space available on C: 8637920 K Cancel
14	You should uncheck the "VC++ MFC and Template Libraries" component. Now click "OK".

15	Now, back at the main component selection dialog box, your total space required should be about 217 megabytes. If your total space required exceeds the space available on your hard drive, I recommend you quit the installation and find a way to free up more space.
	Otherwise, click "Continue".
	Visual Studio 6.0 Professional - Custom ? × In the Options list, select the items you want installed; clear the items you do not want installed. A grayed box with a check indicates that only part of the component will be installed. To select all components in the Option list, click Select All. Options: Description: Microsoft Visual Or 6.0 50582 K Options: Description: Options: Description: Setup will allow you to customize which origonents to install Setup will allow you to customize which origonents to install Microsoft Visual Or 6.0 54696 K Options: Description: Professional Tools 10322 K Options: Select All Folder for Currently Selected Option: Change Option: C/Program Files/Microsoft Visual Studio/VC38 Change Eolder Space required on C: 217284 K Space available on C: 6652448 K Continue Cancel
16	Visual Studio will now check for available hard drive space and then install. Visual Studio 6.0 Professional Setup Destination File: C:\Microsoft Visual Studio/VC98\Include\ZMDUSE.H 533 Cancel
17	Click "OK" at the next prompt. Setup Environment Variables For your convenience, the environment variables required to run build tools from a command prompt are saved in the VCVARS32.BAT in your BIN directory. DK
18	You should now get a message indicating that Visual Studio 6.0 Professional Setup was completed successfully. Click "OK". You are now finished installing.

19	Next, you will be asked if you want to install the "MSDN Library". You do not want to install this library now.
	The MSDN library is available for separate installation in another directory on the Aero- Astro server as seen in step 4. Also, should you wish to access the MSDN library without installing it on your hard drive (it is fairly large), you can view it online at: <u>http://msdn.microsoft.com/library/default.asp?URL=/library/welcome/dsmsdn/msdn1.htm</u> Uncheck the "Install MSDN" box and click "Next".
	Installation Wizerd for Visual Studio & 0. Professional Edition Image: Comparison of Visual Studio & Compariso
20	You will now be asked if you are sure you don't want to install MSDN. The answer is "Yes". I recommend that you install it onto your hard drive off of the server at a later time, but it is not required. Trying to install MSDN at this prompt will NOT work, because you are not installing off of a CD locally.
	Click "Yes".
21	Next, you will be asked if you want to install the "Install Shield" Client Tool. This is unnecessary for 16.070. Do not select the component.
	<complex-block></complex-block>

22	Next, you will be asked if you want to install server setups. This is also unnecessary for 16.070. Do not select the components.
	Click "Next".
	Installation Wizerad for Visual Studio 6.0 Professional Edition Image: Comparison of the server tool isited below, select the setup you with to use and cisk, the "instal" below, select the setup you with to use and cisk, the "instal" below select the setup you with to use and cisk, the "instal" below select the setup you with to use and cisk, the "instal" below select the setup you with to use and post. Server Components Server Components Winal Intel® Server Components Winal Intel® Server Components Visual Intel® Server Components Visual Intel® Server Components Visual Intel® Server Components Server Components
23	Now, you will be asked if you want to register your copy of Visual Studio with Microsoft. Since you have a site license install, this is unnecessary.
	Uncheck the "Register Now" box. Click the "Finish" button.
	Installation Wizned For Visual Studie & D. Professional Edition Periods Provide Wizned Studie & D. Professional Edition Note the web packed right for Englater option and then clicking the Final University of the Studie & D. Professional Edition provides: Provide Witness (Studie & D. Professional Edition provides:
24	Congratulations, you've finished the installation!!

Here are some additional notes on the installation process:

- There should now be a group in your Windows Start Menu called "Microsoft Visual Studio 6.0" with an icon under that group called "Microsoft Visual C++ 6.0".
- Actually using Visual C will be the topic of your first Recitation Lecture and your first Lab Tutorial Session.
- If you quit the installation because it was too slow, you may want to try a server other than 18.34.0.243. Visual C has been placed on two other servers: CDIO-Prime (18.34.0.80) and AALAB34 (18.34.0.172).

To use these servers, just type in one of their IP addresses (without the directory, since it is different on the other servers) instead of 18.34.0.243 at step 2 of the installation process.

If you have any questions, please email Gerry at: <u>alpha g1@mit.edu</u>