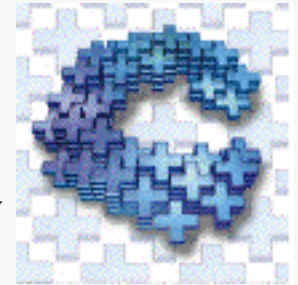


CS 1044 IDE

The only supported compiler/IDE (Intergrated Development Environment) for this course is Microsoft Visual Studio.NET 2003 C/C++. A student may choose to use another existing ANSI standard C++ compiler/IDE if they wish. However, it is the student's responsibility to ensure that their programs compile and run under the Microsoft Visual Studio.NET 2003 C/C++ environment. TAs will only be supporting the Microsoft Visual Studio.NET 2003 C/C++ IDE. This means that students who choose to use other compilers cannot expect the TAs to help them with specific compiler problems, (e.g, interface questions, compiler messages, warnings or errors). Instructors and TAs will be prepared to help students that use the required compiler. Students that use another compiler do so at their own risk.



The following discussion is based on an actual session using the Visual C++ Developer's Studio. The menu selections and options illustrated here do not conform to earlier versions of Visual C++. Please note the disclaimer in the front of these notes regarding compiler selection.

VT Site Lisc.

Students do **NOT** need to purchase Microsoft Visual Studio.NET 2003 C/C++. It is available **FREE** through a site liscence agreement to Va Tech students enrolled in CS department courses.

Downloading & Installing Microsoft Visual Studio.NET 2003

Students must first create a CS lab account on-line.

Using your CS lab account to logon to software.cs.v.edu. Click on the Visual Studio dotNET 2003 link.

Download the **en_vs.net_2003_pro_full.exe** (560 MB). (If you are off campus and are using modem connection - consider going to the CS lab and downloading the file and burning it on a CD.)

Execute **en_vs.net_2003_pro_full.exe**. This is a self extracting archive. During the extraction process note the drive location of the temporary directory where it places the decompressed files. You may wish to delete the extracted files in the temporary directory after the installation is complete to free up disk space.

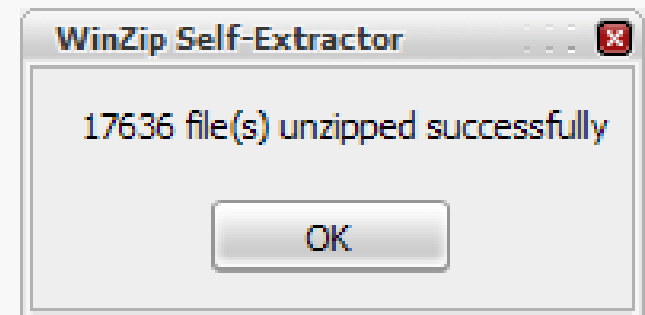
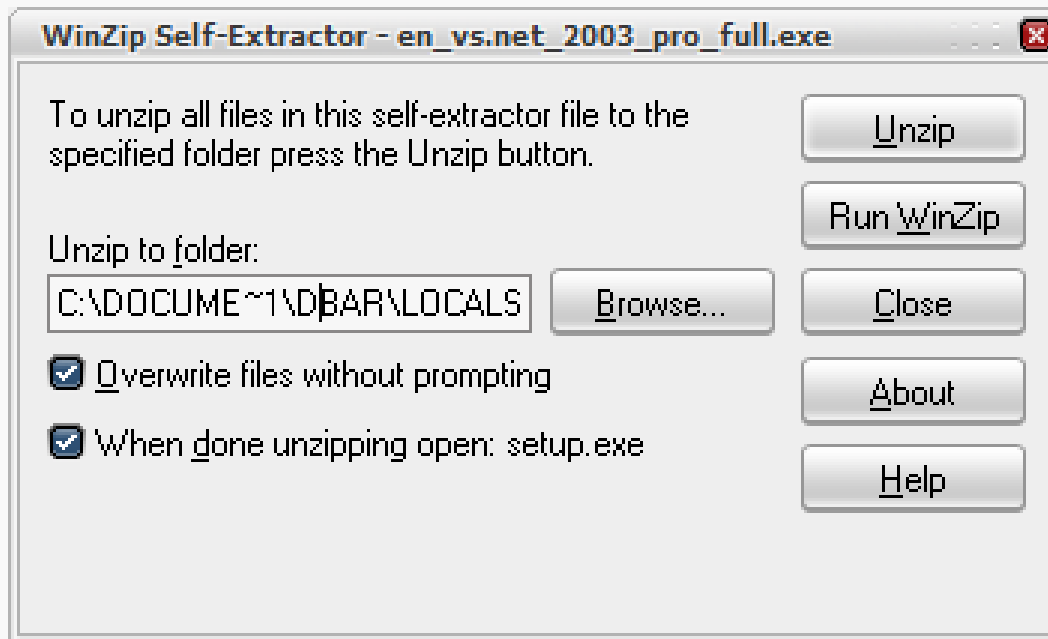
The MS Visual Studio.Net 2003 installer program will run automatically after the extraction is complete. Follow the installer instructions. You need only install the C/C++ compiler for your work in CS 1044. Installing the other Visual Studio.NET tools will consume large amounts of drive space.

Update and Scan System

Perform system update before install: <http://windowsupdate.microsoft.com/>

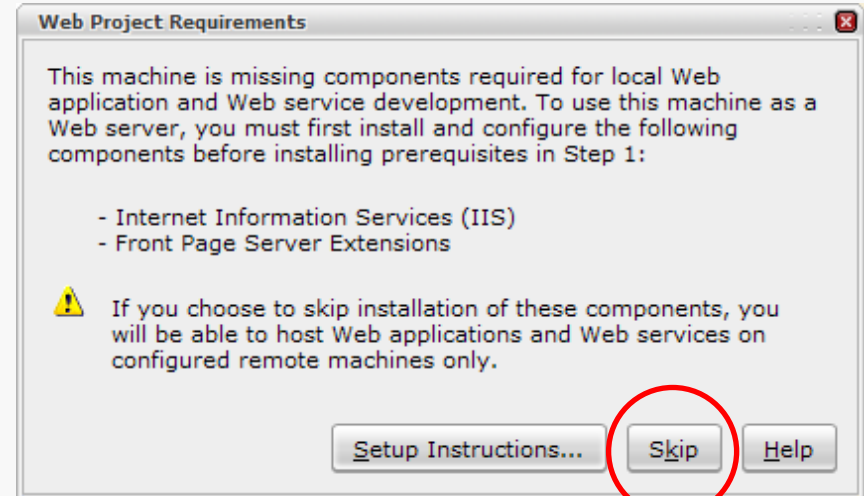
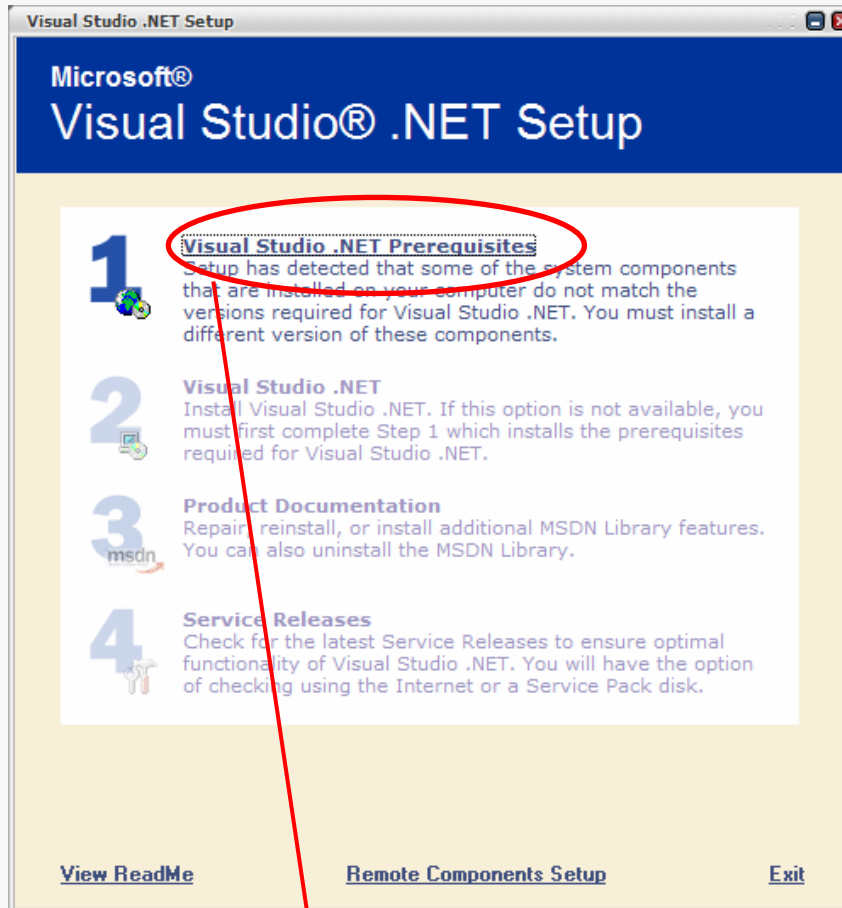
Perform virus & spyware scans before installation.

Run **en_vs.net_2003_pro_full.exe** to decompress installation program:



Unzipping requires 1.2 GB

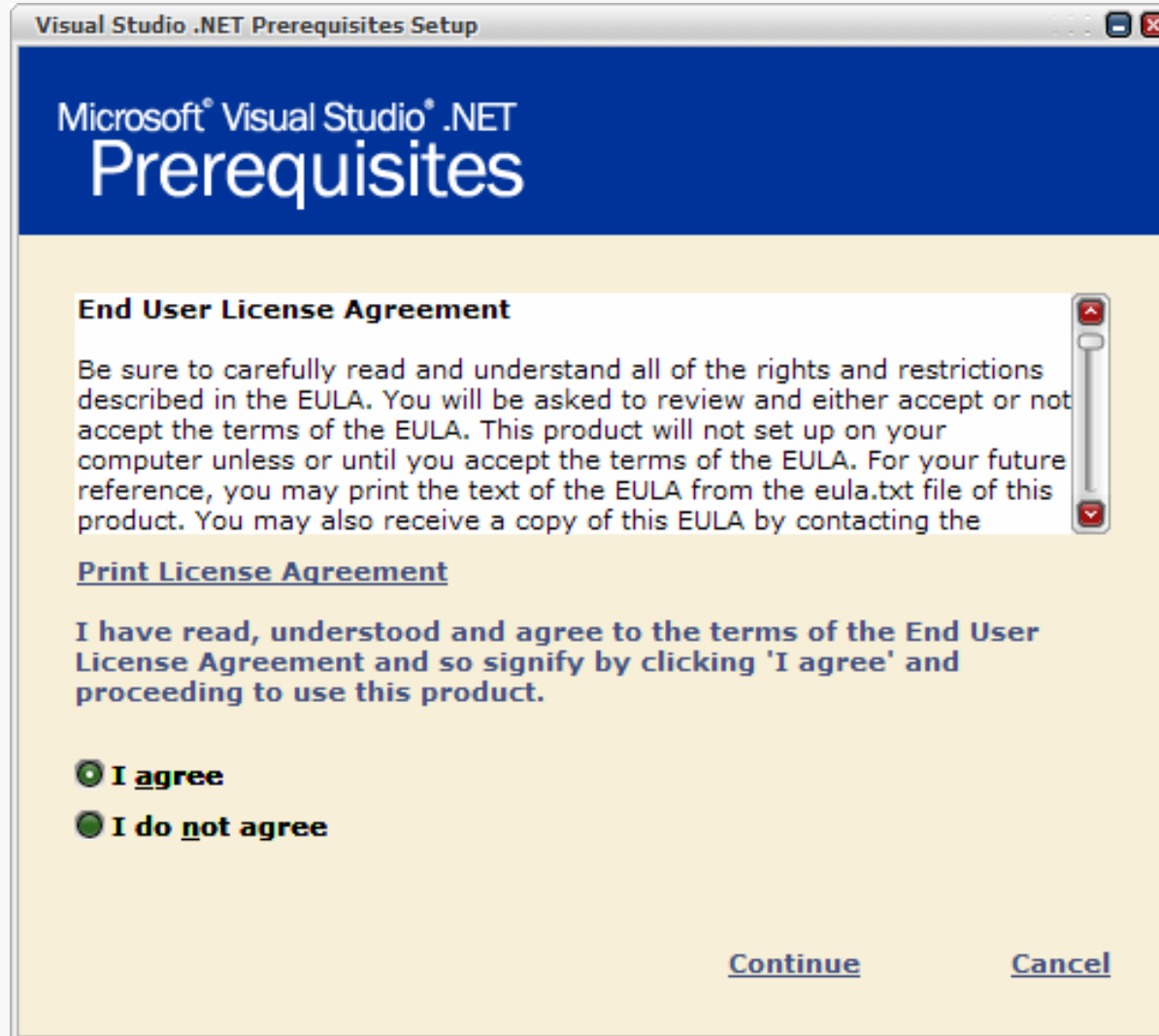
Step 1: Web Server Components



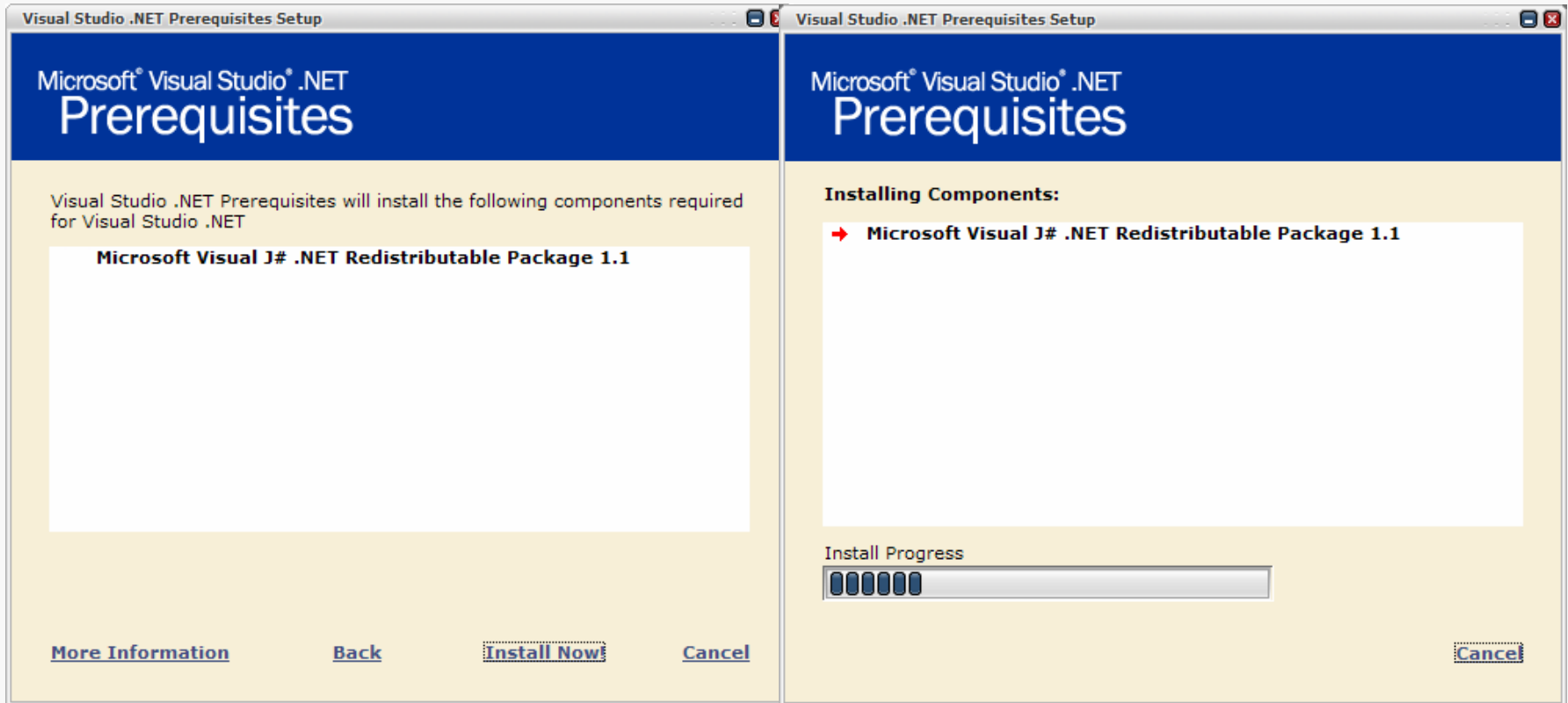
Skip this step.

Installer interface is Web based. Click on "links".

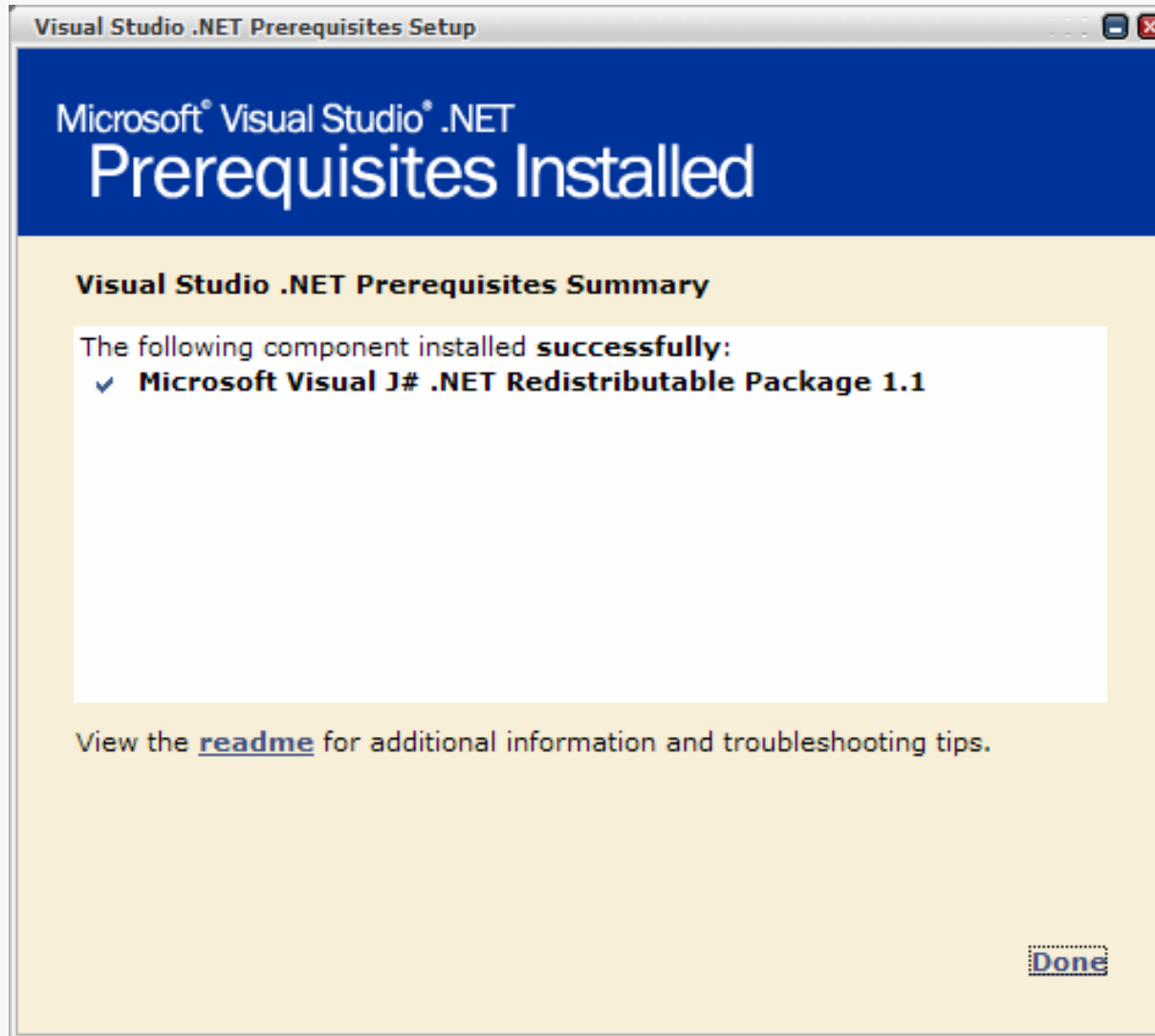
Lisc. Agreement



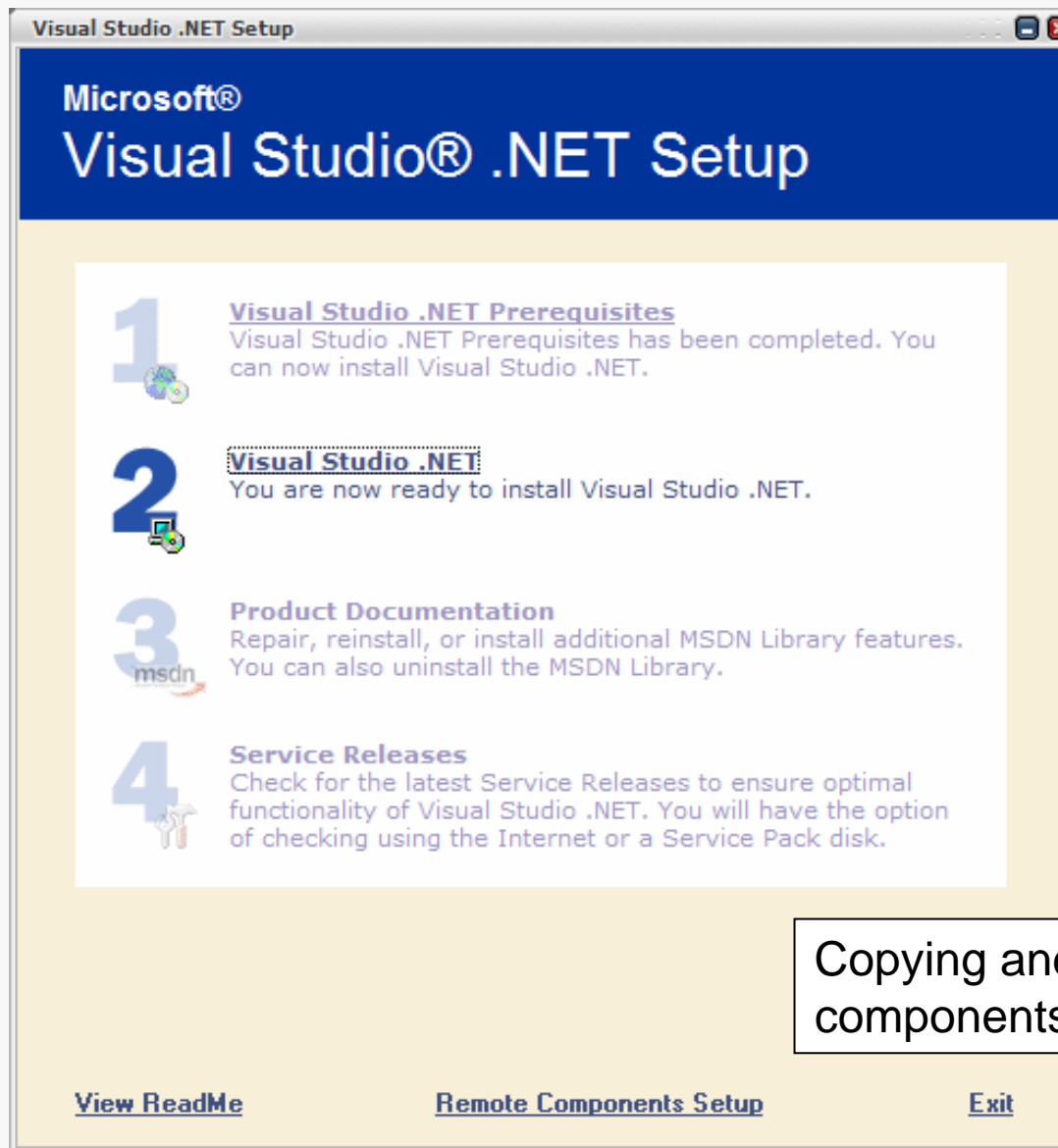
Required Component



Step 1: Completed



Step 2:



Copying and loading of .NET components now takes place

End User Lisc. Agreement:

Microsoft Visual Studio .NET Professional 2003 Setup - Start Page

Microsoft Visual Studio .NET

Start Options Install

To install Microsoft Visual Studio .NET

- On this page:
 - Read the end-user license agreement (EULA).
 - Accept the conditions of the EULA.
 - Enter the 25-character product key.
 - Enter your name.
 - Click **Continue**.
- On the Options page:
 - Choose the features you would like to install.
 - When you're ready, click **Install Now!**

End User License Agreement

Be sure to carefully read and understand all of the rights and restrictions described in the EULA. You will be asked to review and either accept or not accept the terms of the EULA. This product will not set up on your computer unless and until you accept the terms of the EULA. For your future reference, you may print the text of the EULA from the eula.txt file of this product. You may also receive a copy of this EULA by contacting the Microsoft subsidiary serving your country, or by writing to :

Print License Agreement

I have read, understood and agree to the terms of the End User License Agreement and so signify by clicking 'I agree' and proceeding to use this product.

I agree

I do not agree

Product Key:

W7YCJ 2RRMD MMHGG 3MB7C VBMYB

Your Name:

ND Barnette

[Continue](#) [Cancel](#)

Product key embedded in site lisc. download.

Component Selection:

Microsoft Visual Studio .NET Professional 2003 Setup - Options Page

Microsoft Visual Studio .NET

Start Options Install

Select items to install:

- Visual Studio .NET Professional
- Language Tools
 - Visual Basic .NET
 - Visual C++ .NET
 - Visual C# .NET
 - Visual J# .NET
- .NET Framework SDK
- Dotfuscator Community Edition
- Crystal Reports for Visual Studio .NET
- Tools for Redistributing Applications
- Server Components

Feature properties

Name	Visual C++ .NET	
Local Path	P:\Program Files\Microsoft Visual Studio .NET
Space Required	493.93 MB	

Feature description

Visual C++ .NET

Visual C++ brings you the tools you need to develop high-performance C++ for .NET, the Microsoft next-generation platform for distributed, Internet-aware programming. Some new features will make Visual C++ the most powerful tool for creating high-performance applications for Windows and the Web:

Space after install

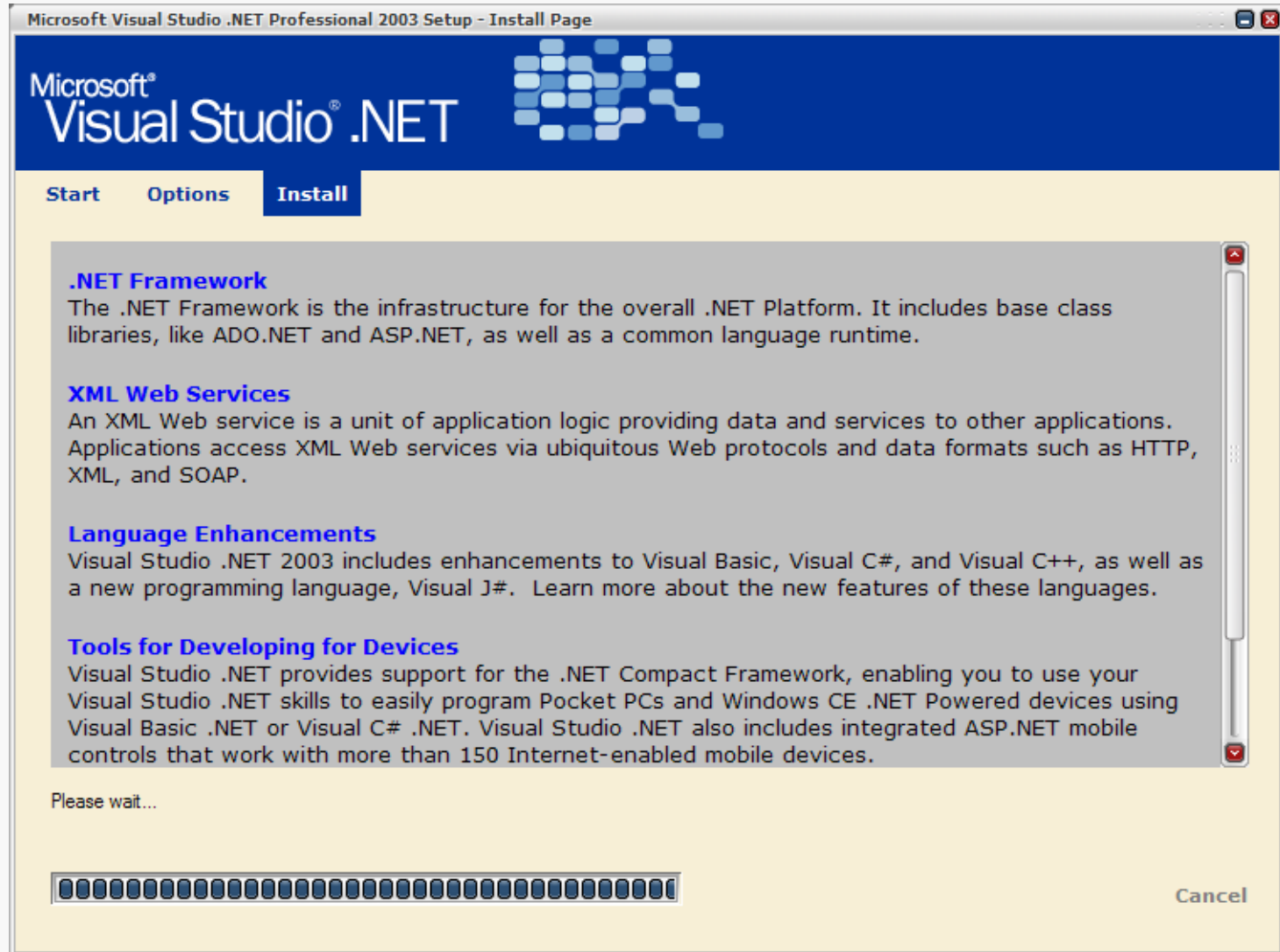
Drive C:

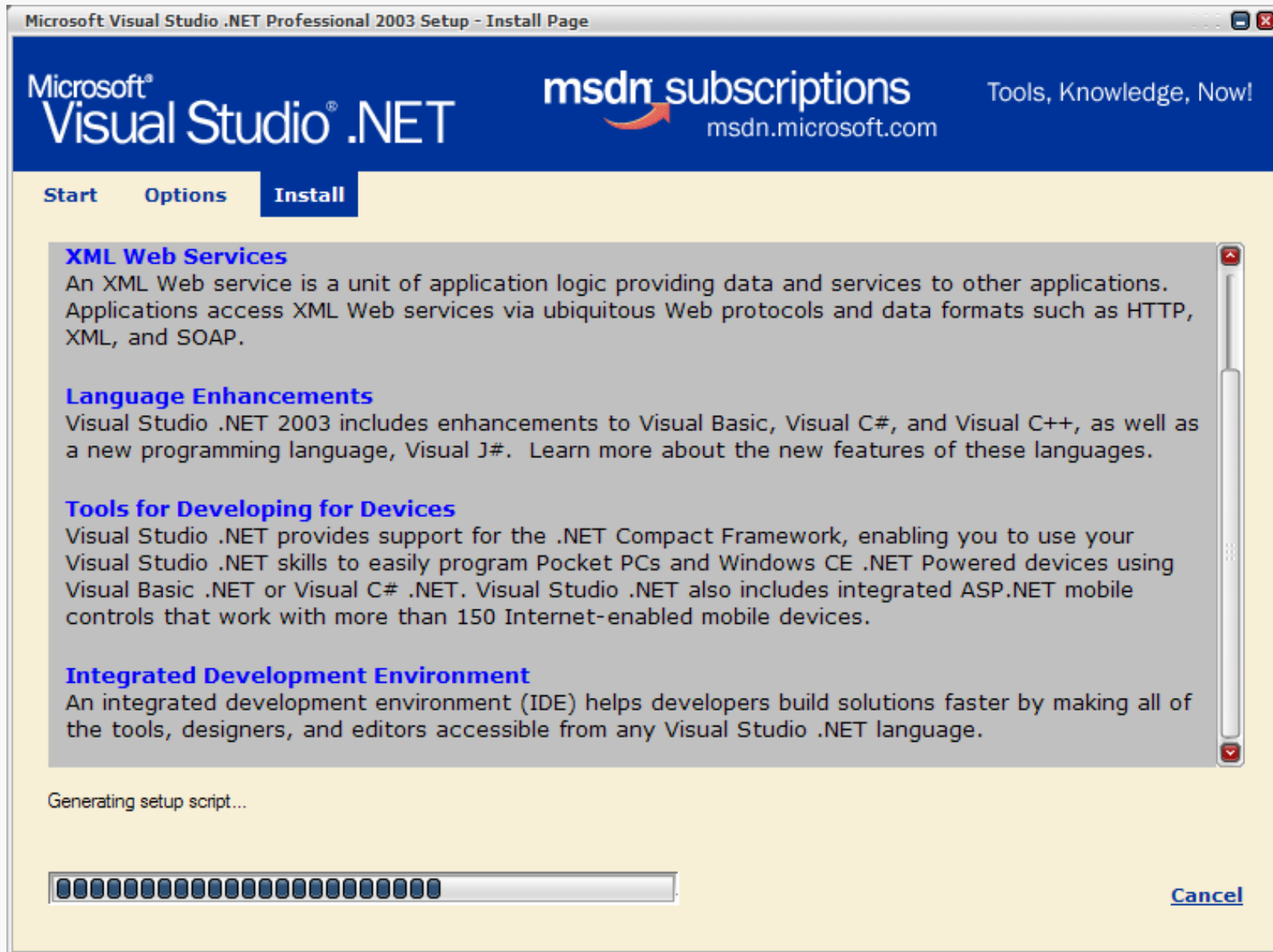
Drive D:

Back Install Now! Cancel

Uncheck all components, except Visual C++, requires approx. 500MB of disk space

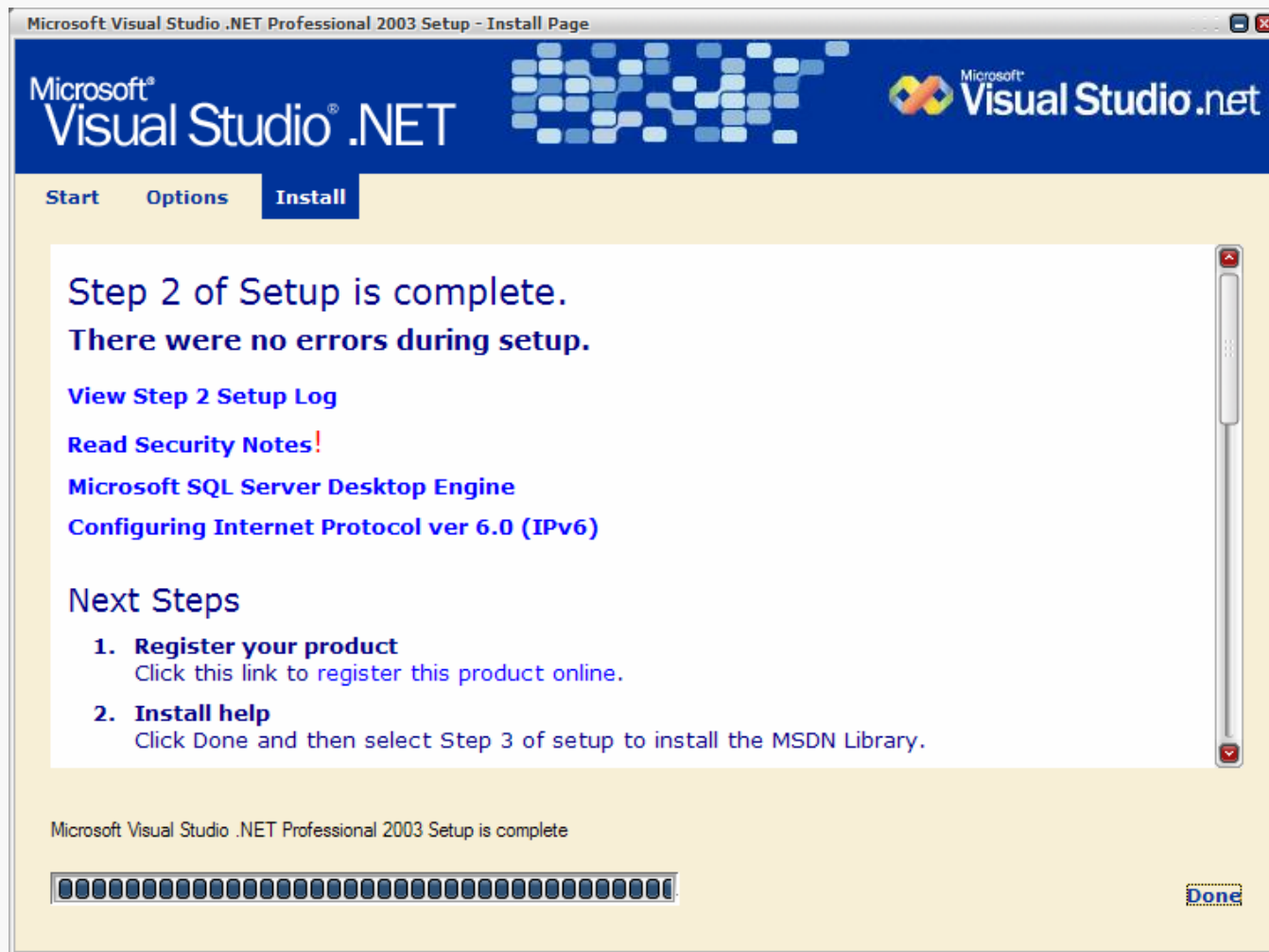
Lengthy Installation



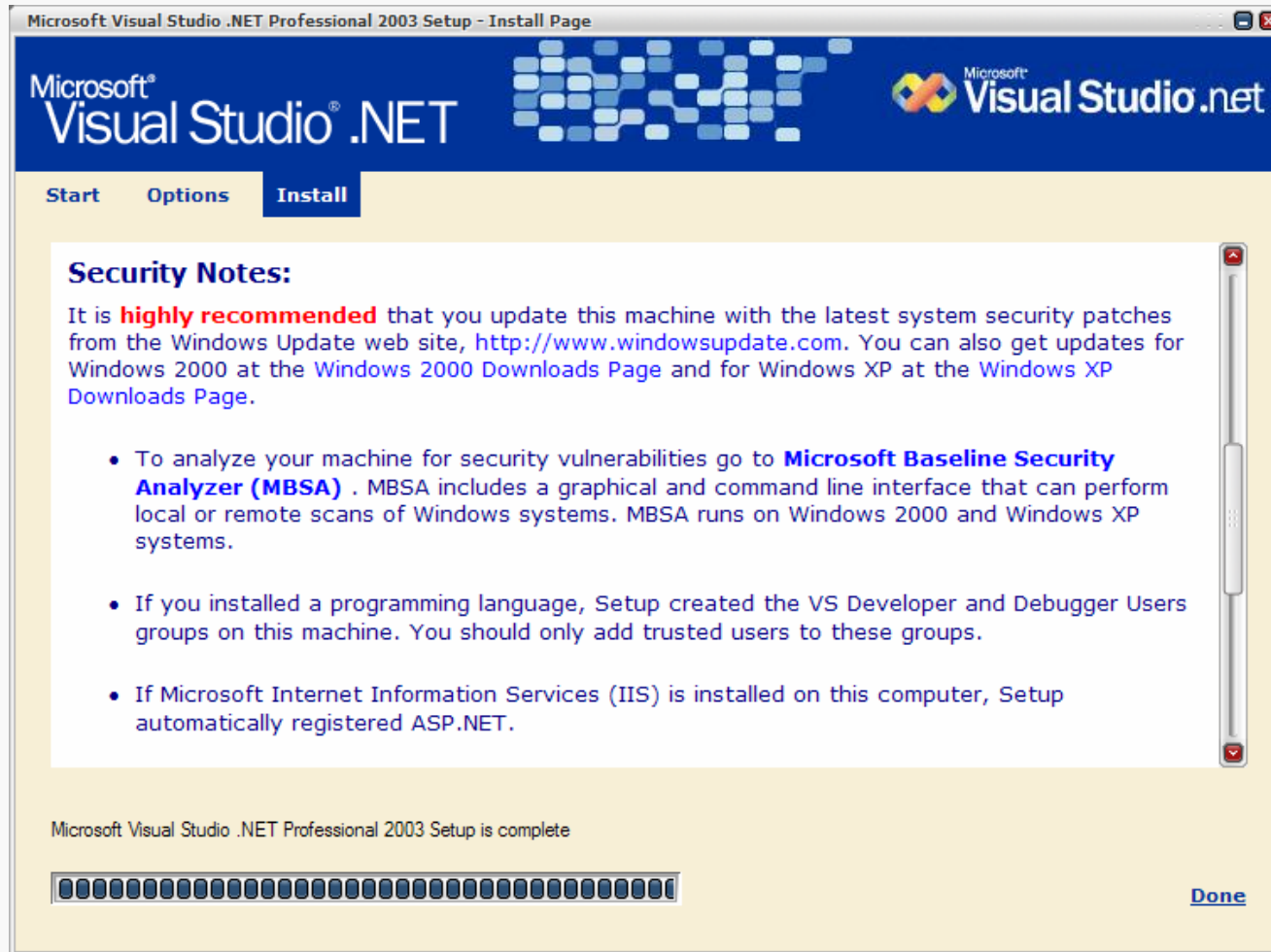


Check Error Report:

Post errors on discussion forum for possible help.

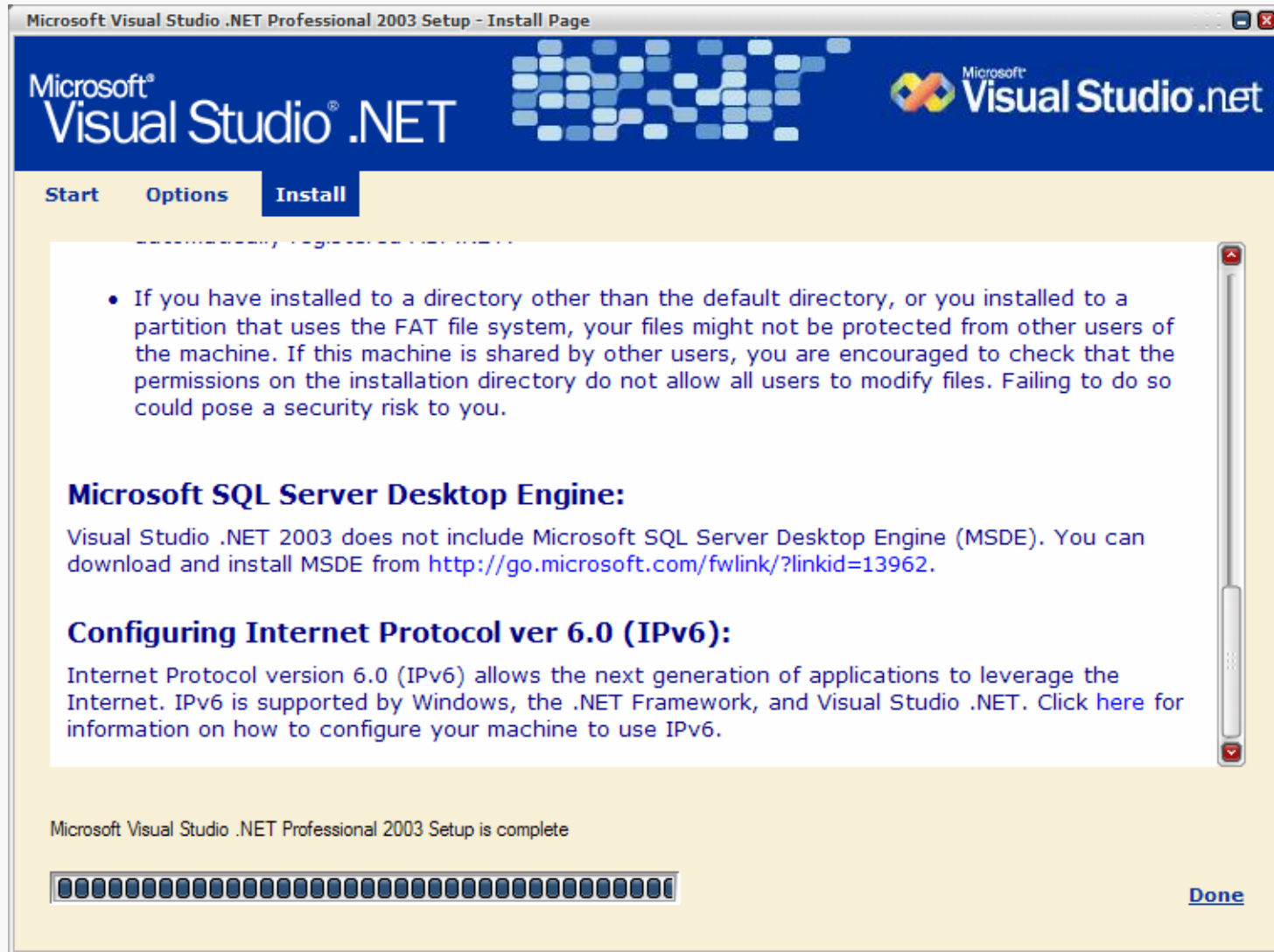


Update & MBSA:

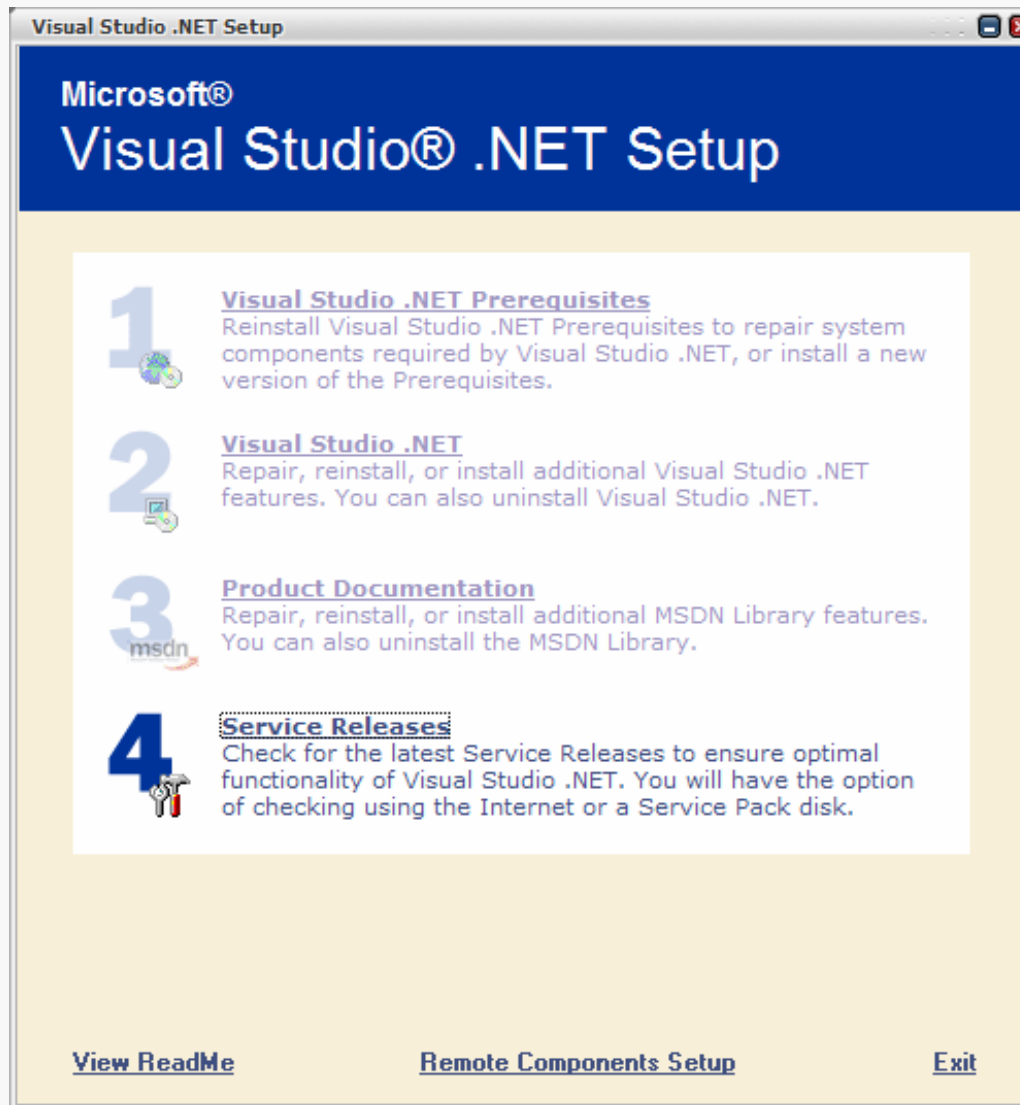


Always a good idea: <http://windowsupdate.microsoft.com/>
The MBSA should be unnecessary.

Unnecessary Steps - SKIP



Visual Studio.NET 2003 Service Releases



Internet Update:

