Installation instructions for an evaluation copy of Rational Rhapsody 8.1.1

ES1 Student Tutorial

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1   Introduction

This tutorial will teach you how to install an evaluation copy of Rational Rhapsody 8.1.1. As of writing this tutorial, each evaluation license will last **30 days** from the registration date. If installed in connection with the corresponding labs, this should be more than enough time.

The tutorial will also go through installing the prerequisites such as the compilation environment. In this case, we'll use Microsoft Visual Studio 2010 Professional (MSVC10), which is available for free for KTH students. Other environments can also be used, but MSVC10 is among the easiest to configure for Rational Rhapsody.

The installation for MSVC10 requires software to mount image files. There are recommended freeware options available on KTH ProgDist.

2 Downloading and installing MSVC10

This section covers downloading Microsoft Visual Studio 2010 Professional from Microsoft DreamSpark, as well as installing it.

2.1 Downloading MSVC10

By navigating to KTH intra IT website (https://intra.kth.se/it), then choosing "MS Dreamspark Premium" (or follow this link), press the "Microsoft Dreamspark Premium" login button.
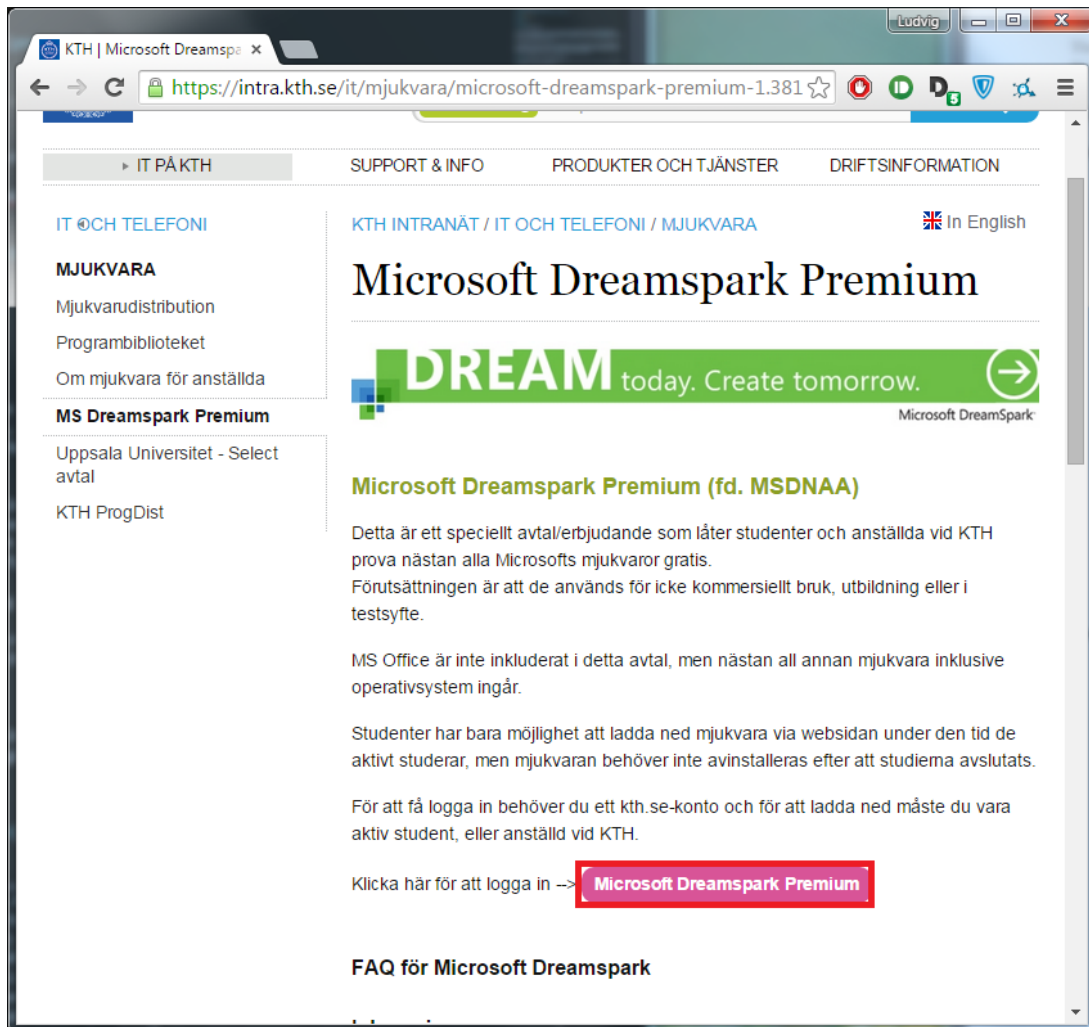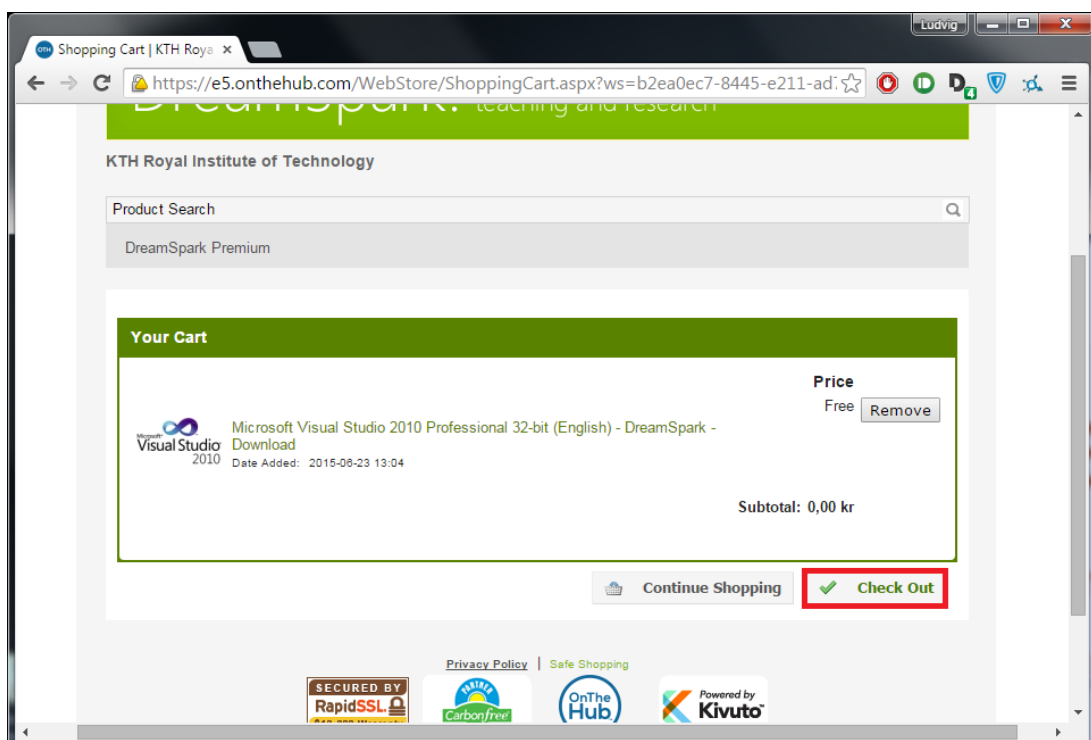
Log in using your KTH credentials, then search for Microsoft Visual Studio. At the time of writing this tutorial, the product was presented on the first page. Click it to proceed.
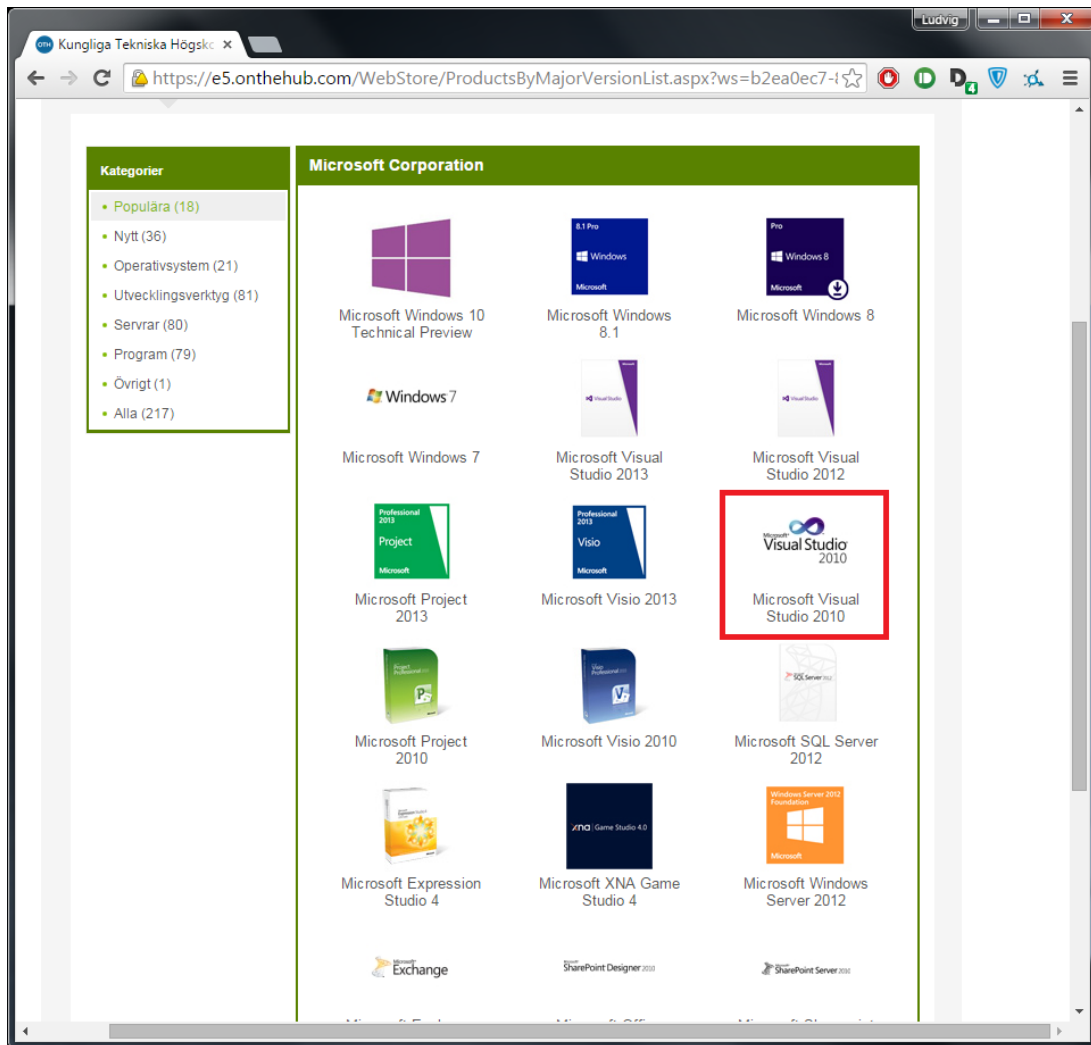
Scroll down to find Microsoft Visual Studio 2010 Professional, choose "Add to Cart".
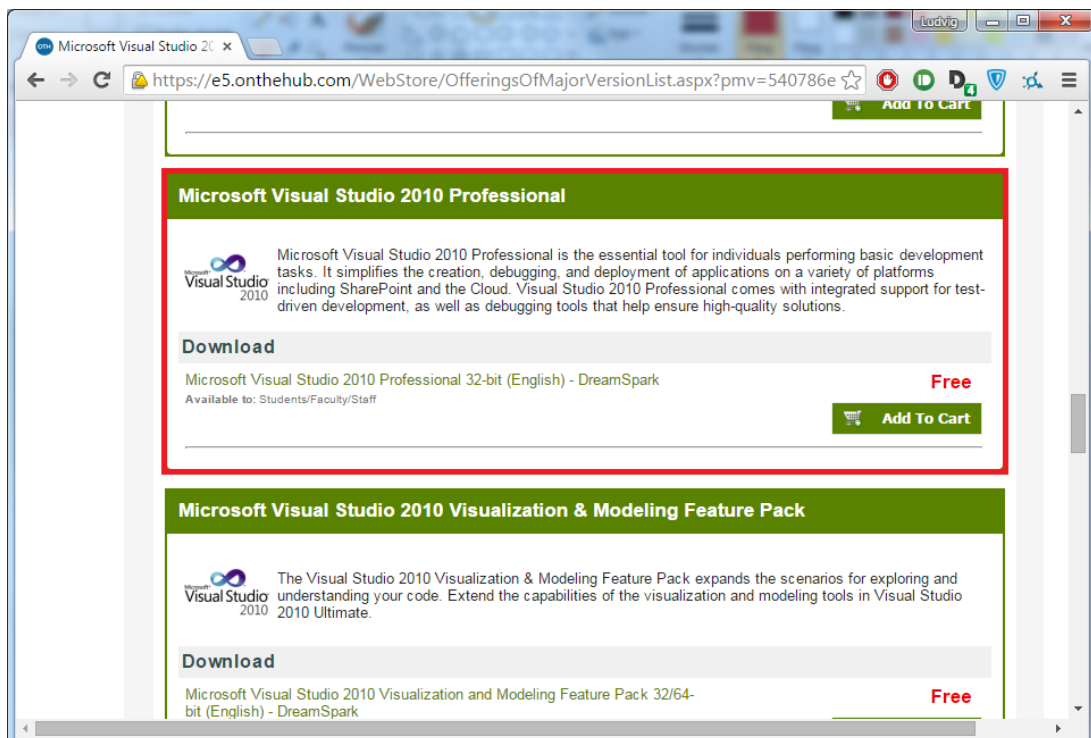
The checkout cart should automatically open, choose "Check Out".

You will then be presented with download instructions, follow these. The download is 2 GB large and may take a while to download. In the meantime, you may proceed to download your evaluation copy of Rational Rhapsody.

2.2 Installing MSVC10

Once downloaded, mount the image file, and the installation process will begin. Read and accept the terms of service, then click "Next".
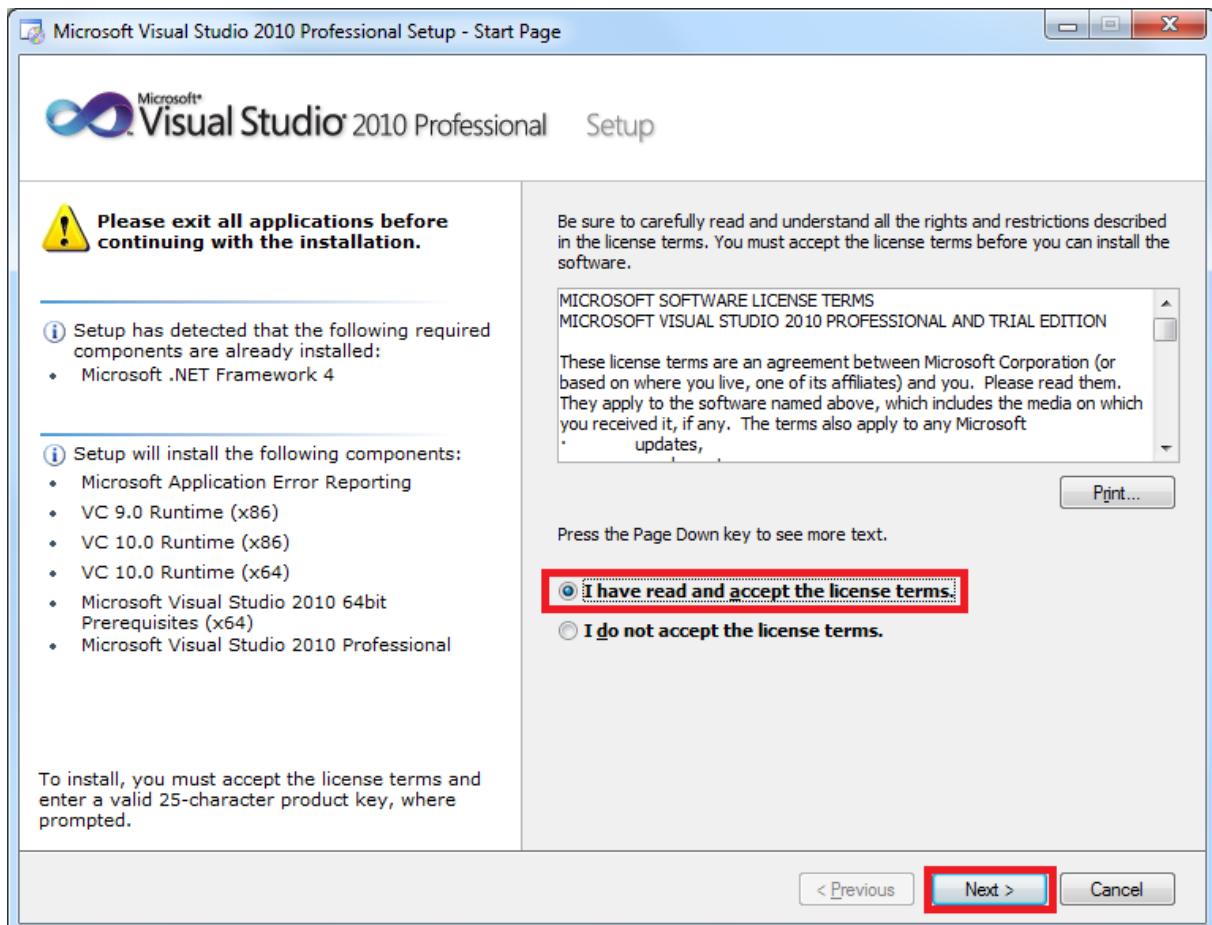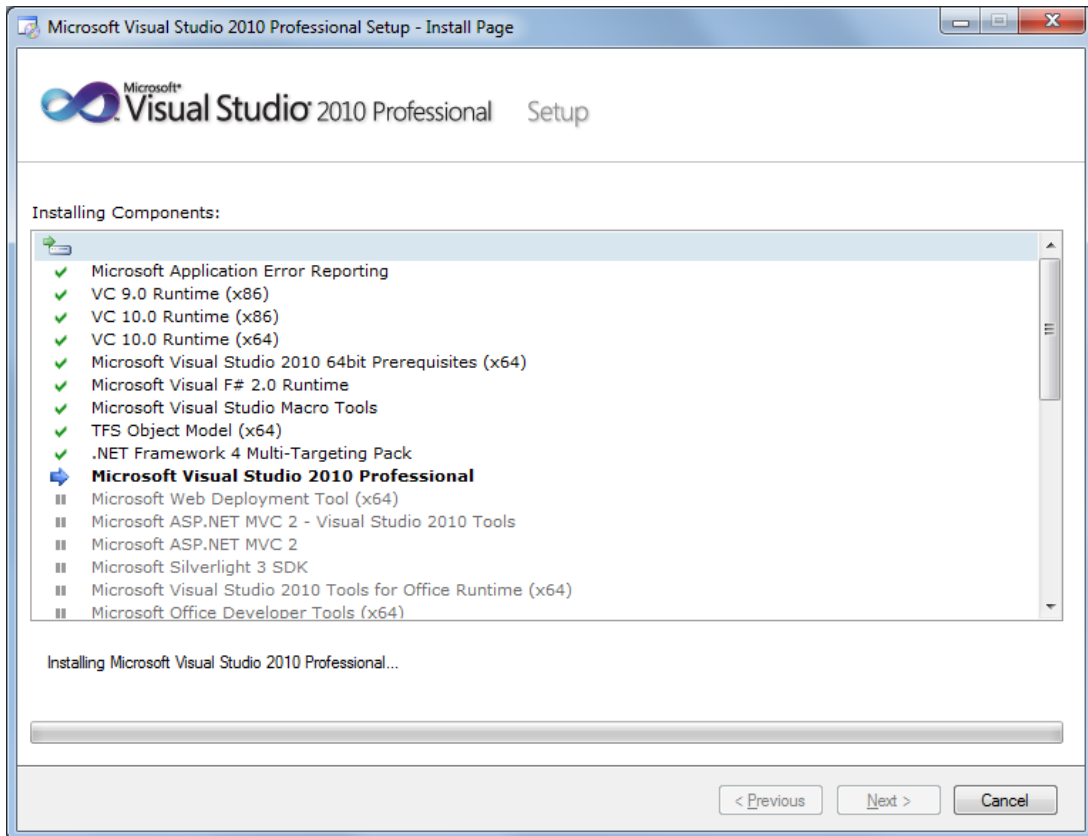
Choose to install the "Full" version of Microsoft Visual Studio. Optionally choose another installation path, for this tutorial, the default path, i.e.

```
C:\Program Files (x86)\Microsoft Visual Studio 10.0
```
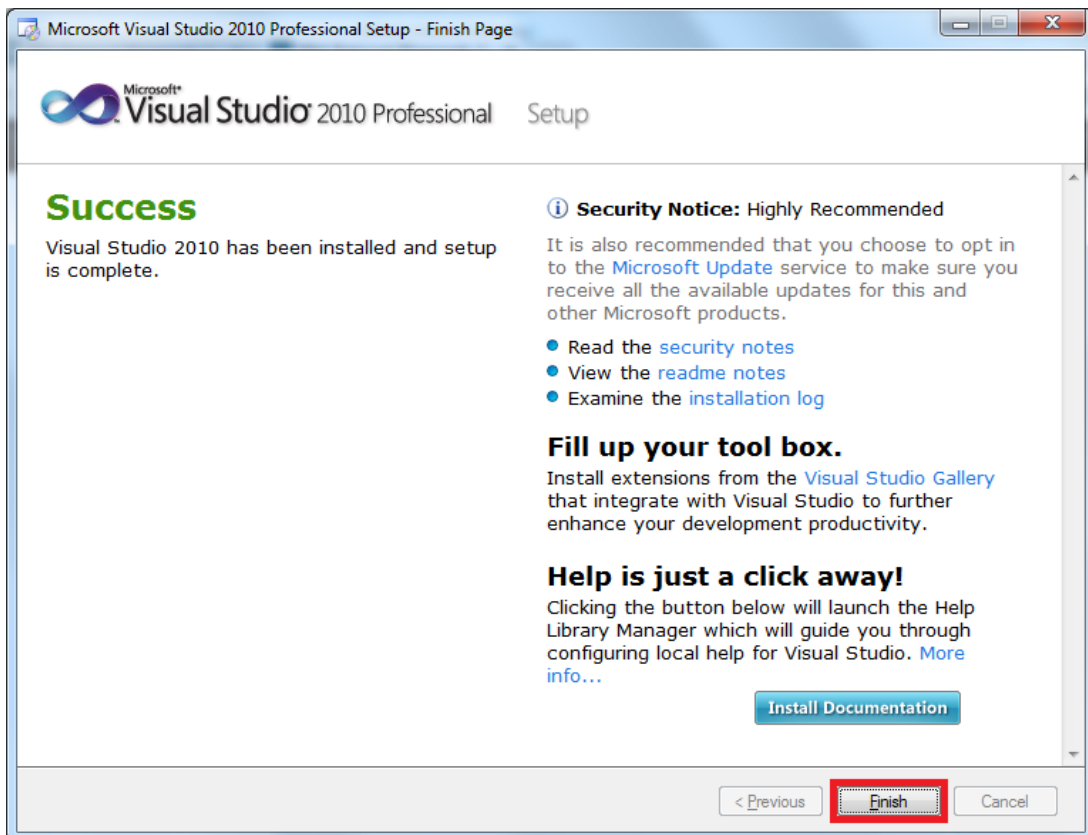
will be used. Click "Install" to begin the installation process.
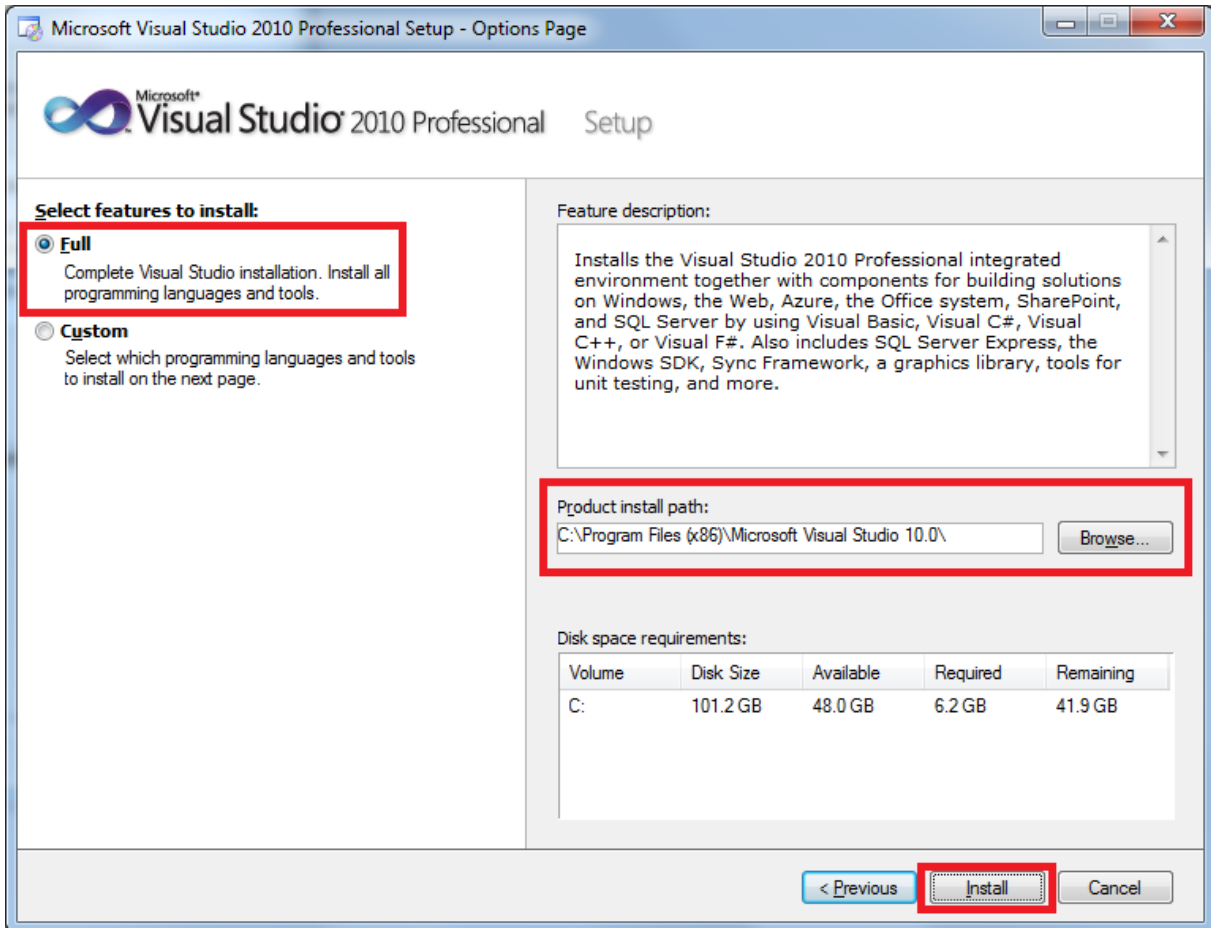
Wait for the installation process to finish.

When it is finished, click "Finish".

3 Download and install Rational Rhapsody 8.1.1

This section will go through downloading and installing Rational Rhapsody. To do this, you will need to create an IBM ID, this tutorial will also cover this.
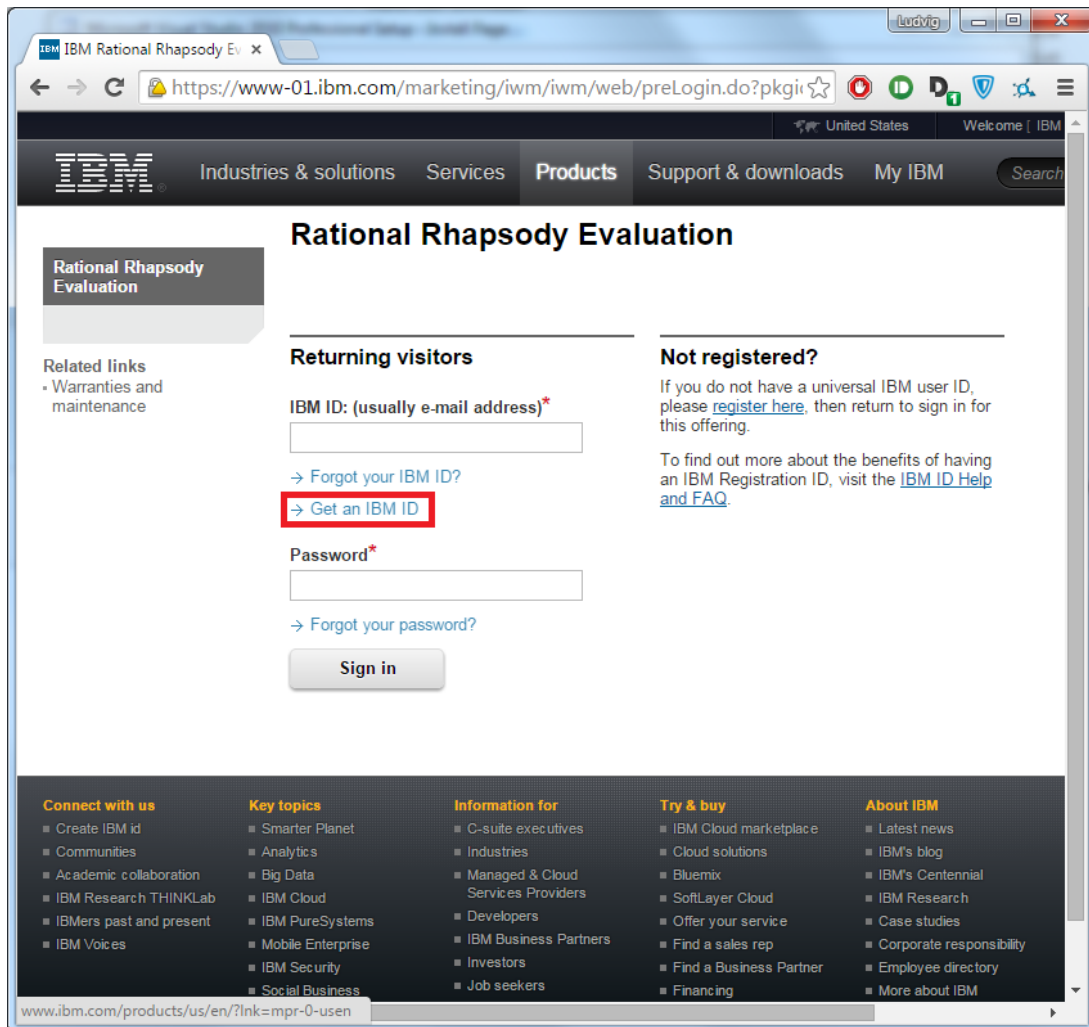
3.1 Downloading Rational Rhapsody

Navigate to this link to get to the Rational Rhapsody 8.1.1 download page. If the link does not work, a Google query for `rational rhapsody 8.1.1 trial` should work just as fine.

Choose an appropriate language, then click on "Continue".
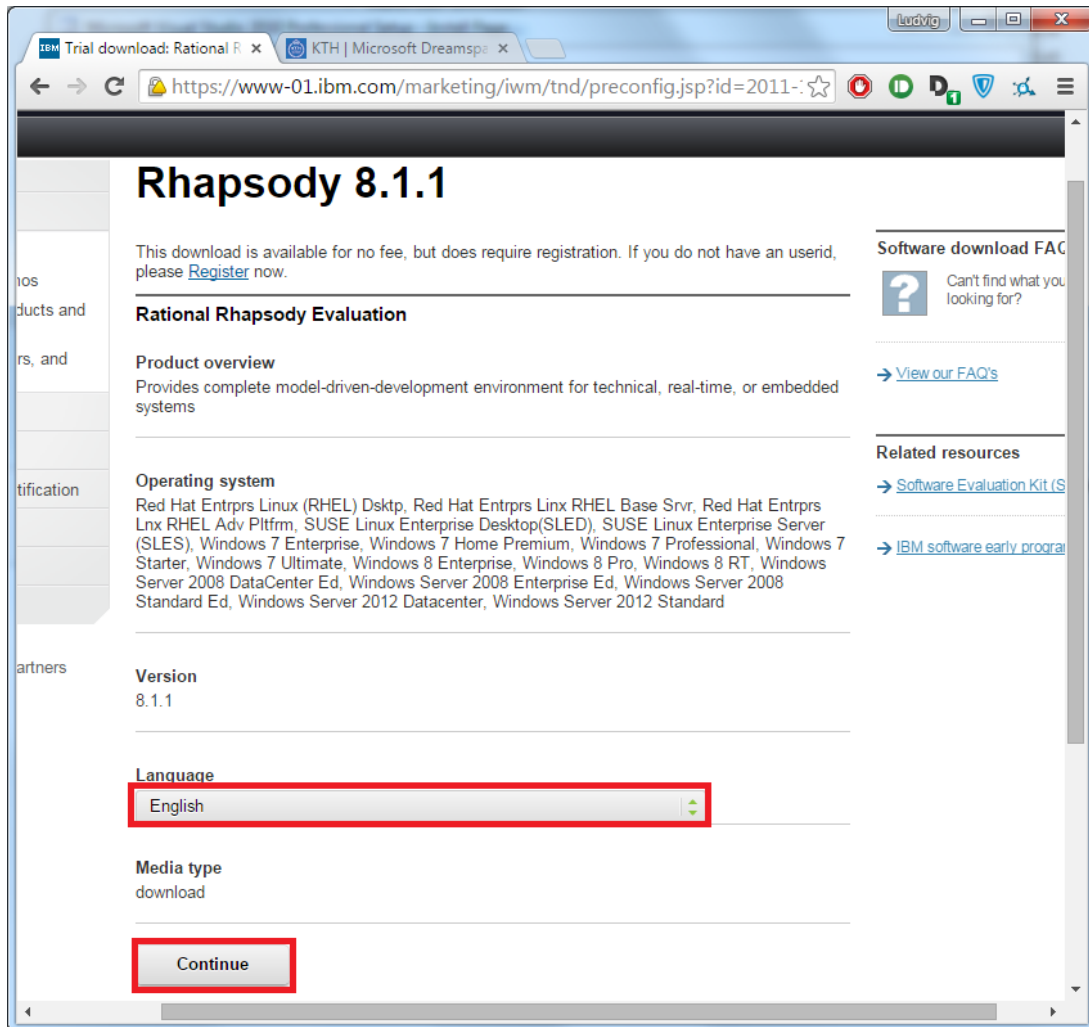
If you do not already have an IBM ID, click on "Get an IBM ID". Otherwise, skip this step and continue with signing in. Once you're done with creating your IBM ID, sign in.

State your reason for downloading, scroll down, and click "Continue".

You will be presented by different downloading methods, choose the method which suits you best. For this tutorial, downloading was done using http.
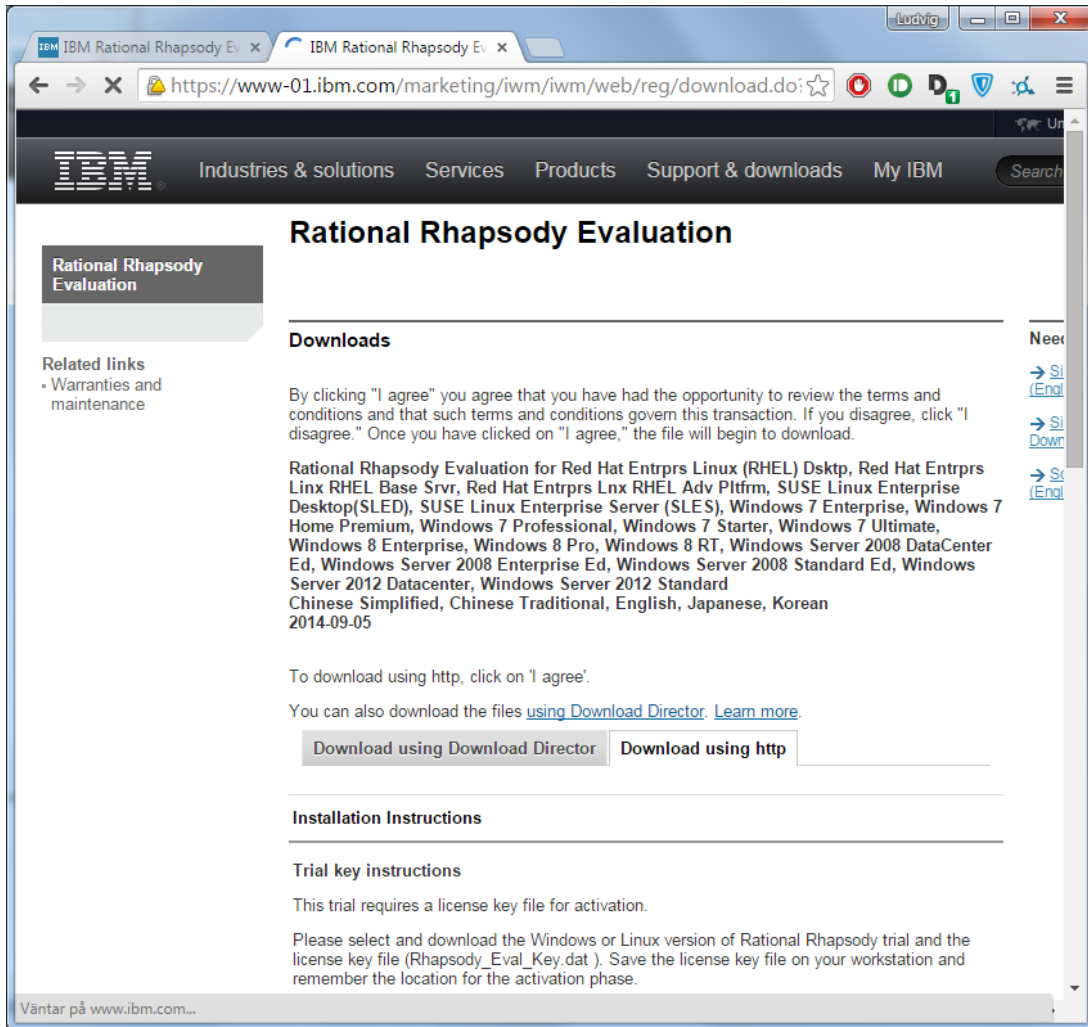
To download the software, click on "I agree" on the `IBM Rational Rhapsody V8.1.1 Evaluation for Windows 32 Bit Multilingual` section.
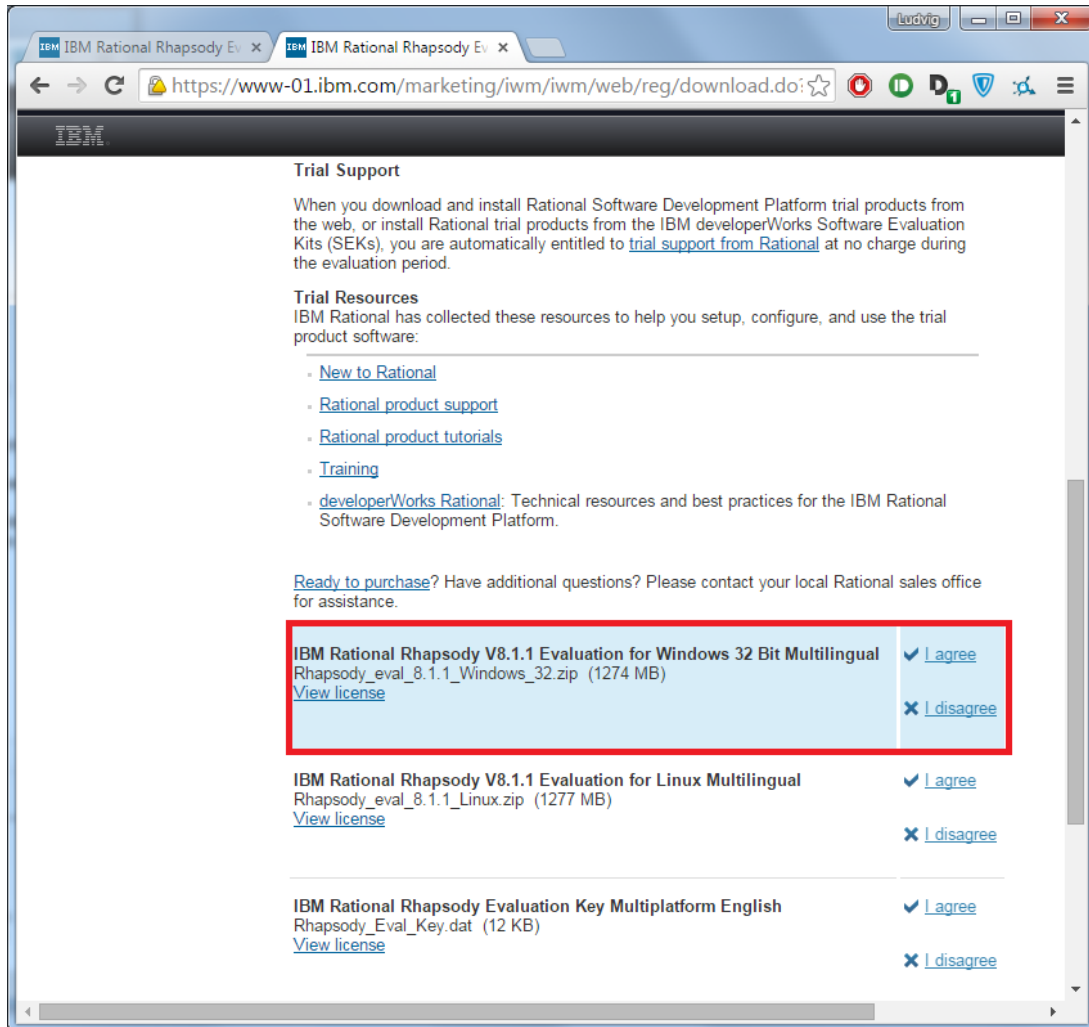
To download the license key data file, click on "I agree" on the `IBM Rational Evaluation Key Multiplatform English` section.
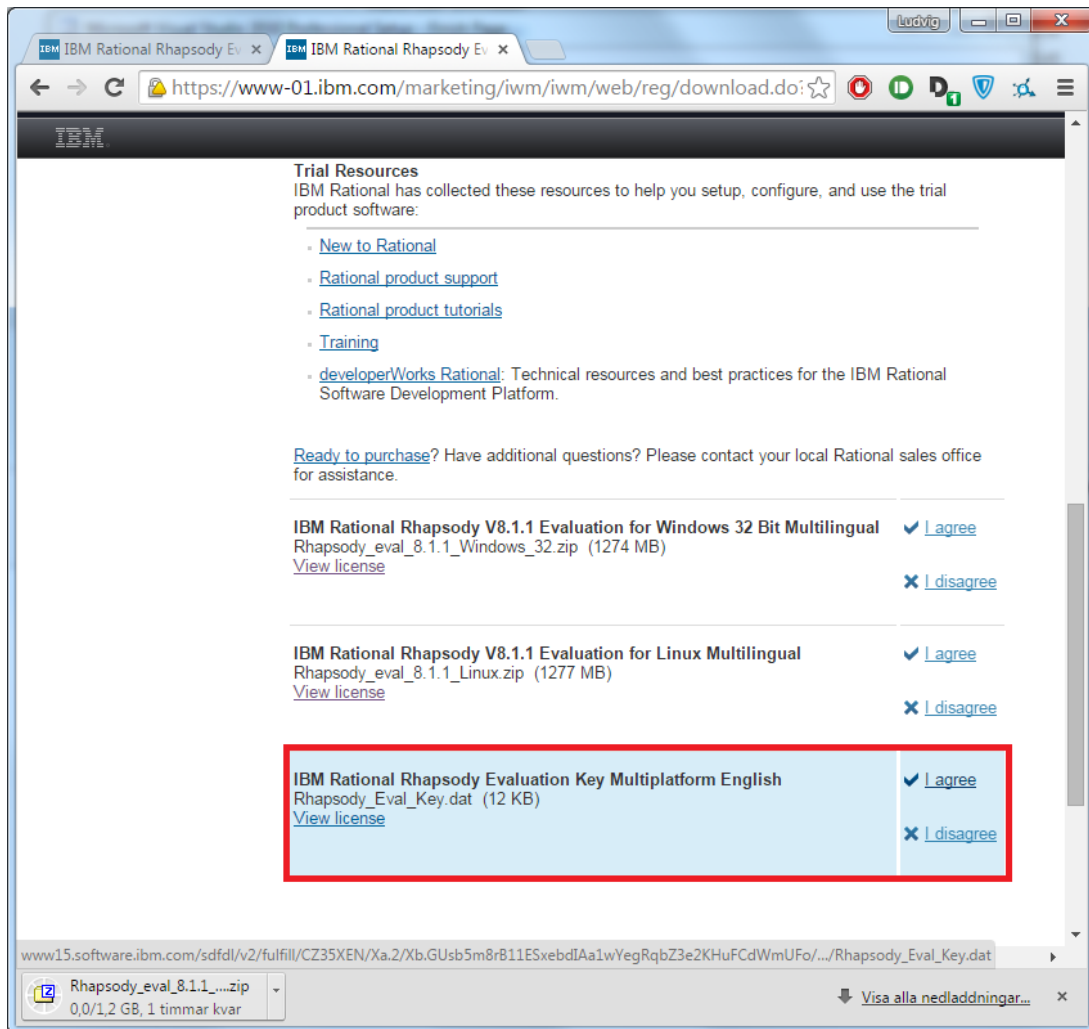

Wait for the installation files to finish downloading.

3.2 Installing Rational Rhapsody

When the installation files are downloaded, right-click the .zip file and choose "Extract All...". Follow the instructions and choose a suitable location for the installation files.
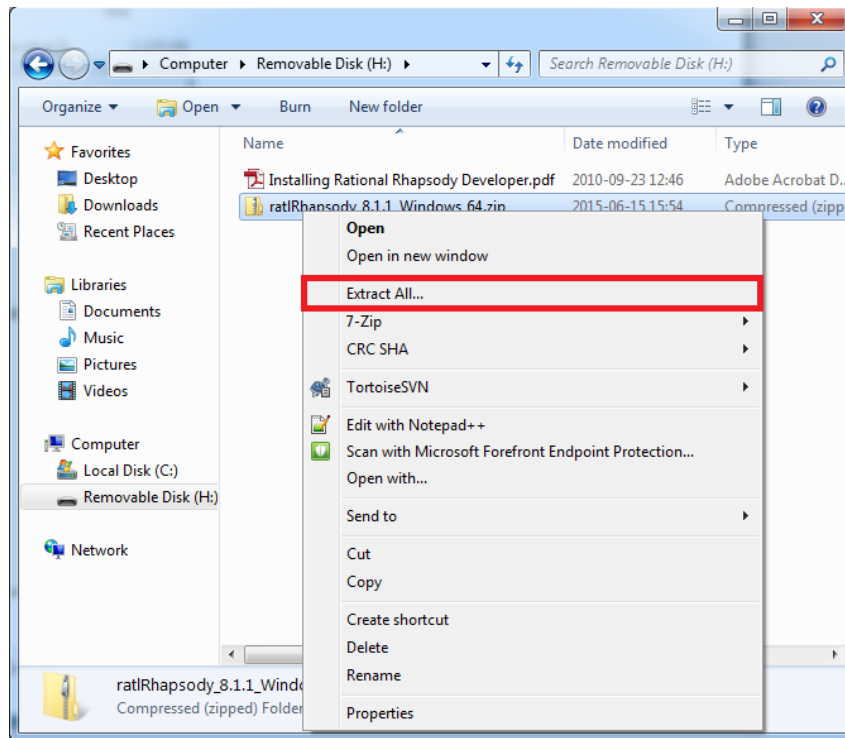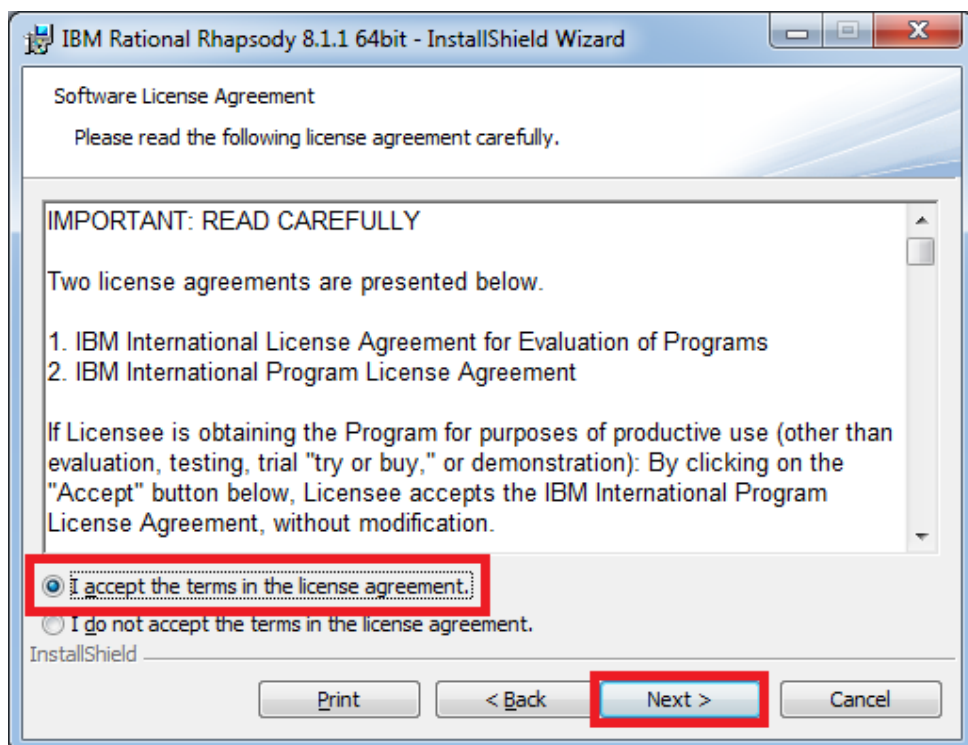

When the unzipping process is complete, find the .msi file, likely named `IBM Rational Rhapsody 8.1.1.msi`. Double click it to start the installation process.
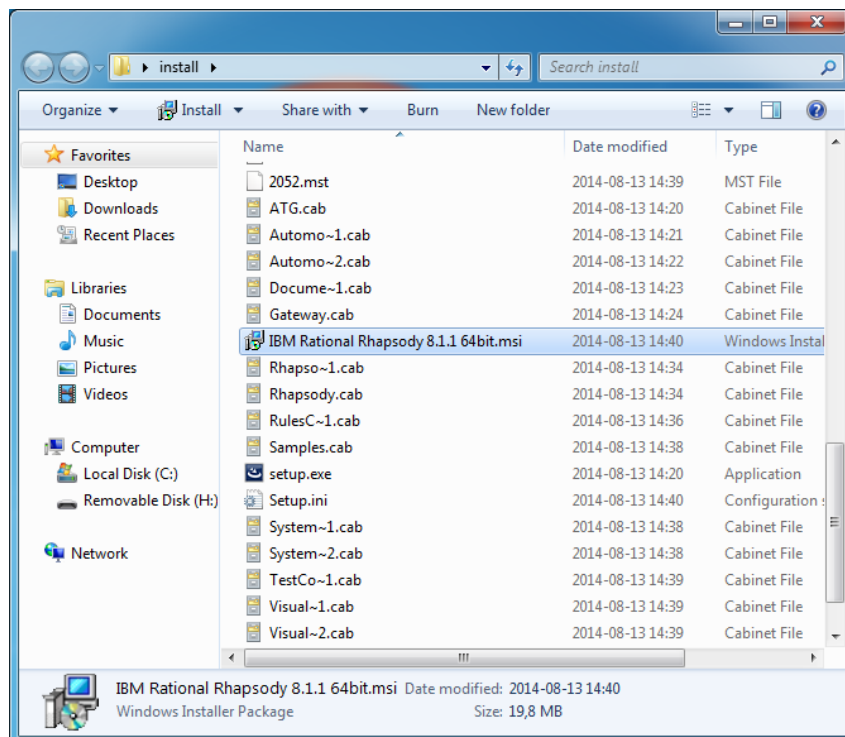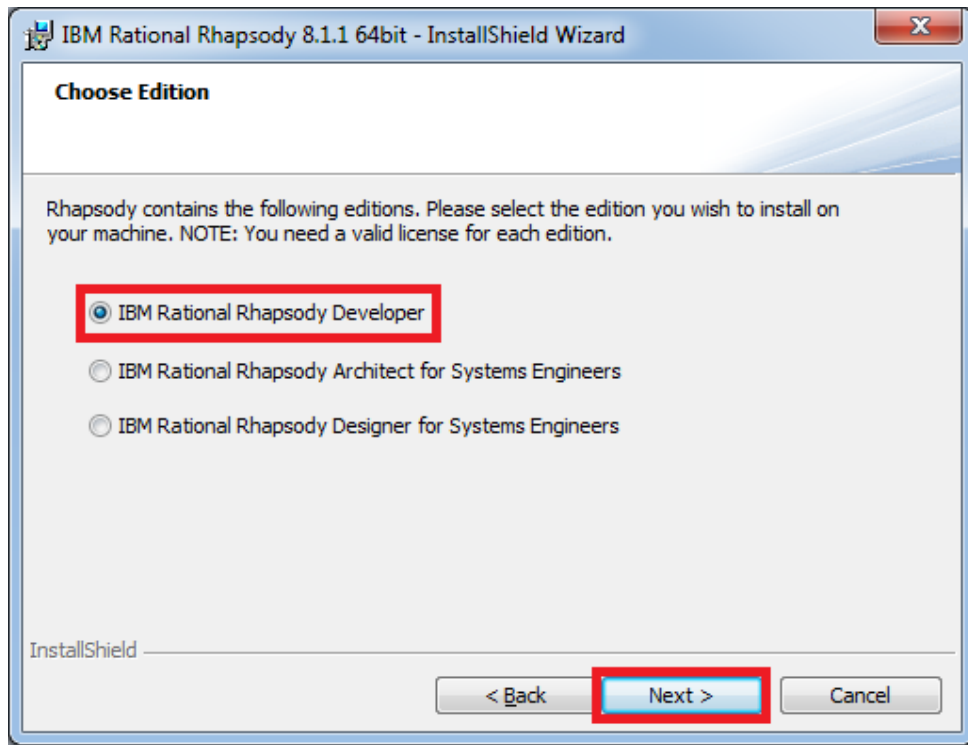
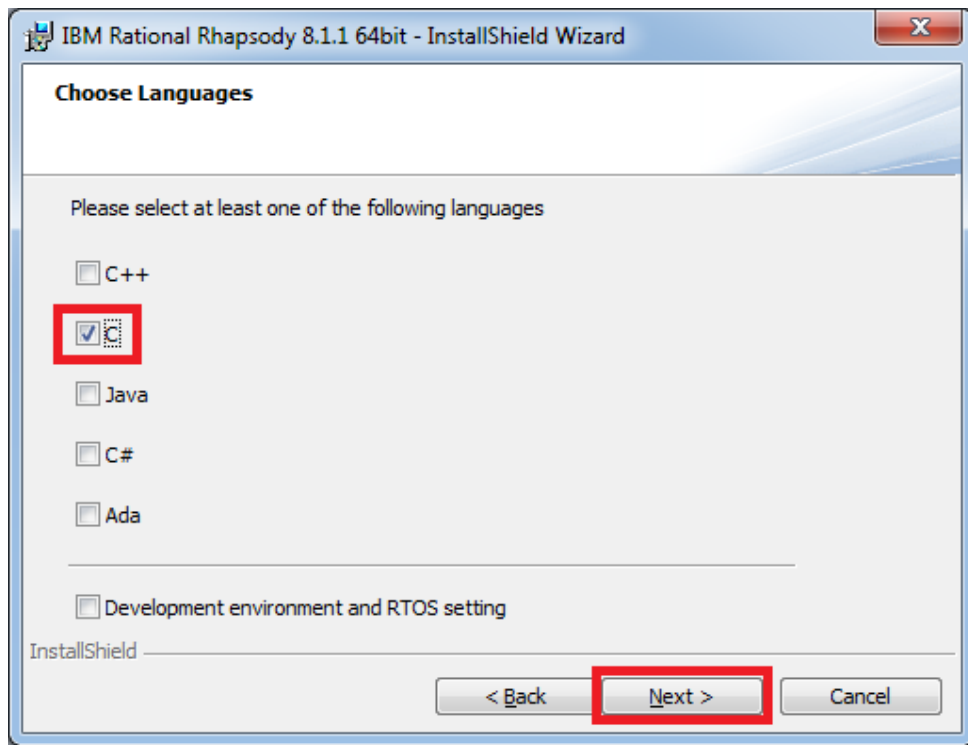In the introductory dialogue of the installation process, click "Next".
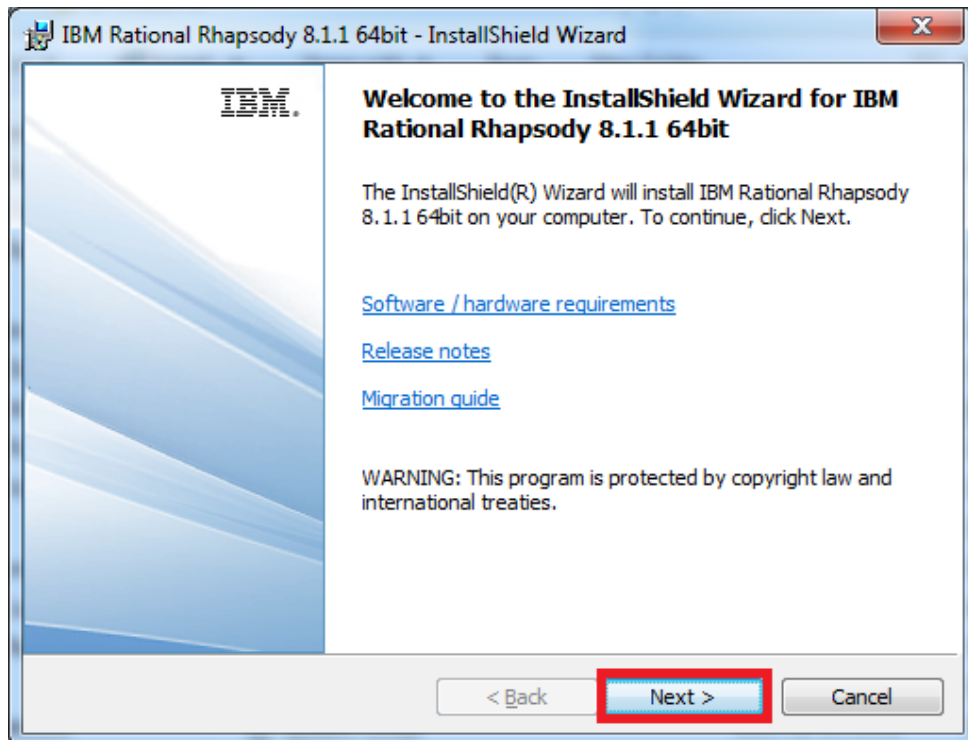
Read and accept the license agreement by choosing the appropriate checkbox and clicking "Next".
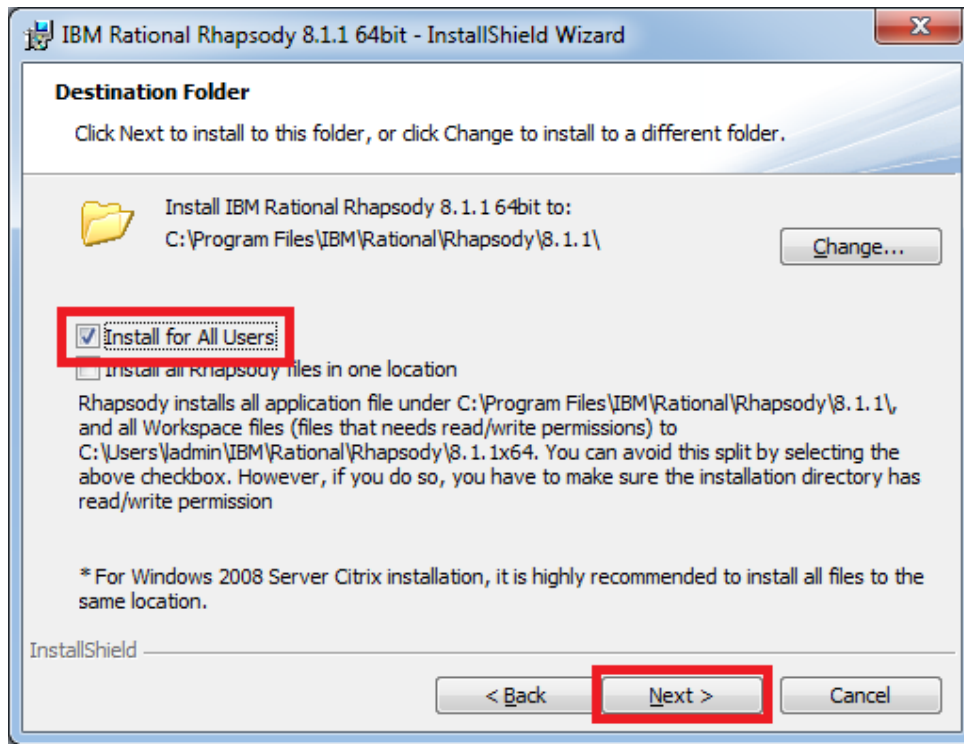
Choose "IBM Rational Rhapsody Developer" and click "Next".

Mark the checkbox for the C programming language, **unmark all other checkboxes** and click "Next".

Choose an installation folder (default folder works fine), and make sure to mark "Install for All Users" so that each student can use their own login on the computers, then click "Next".
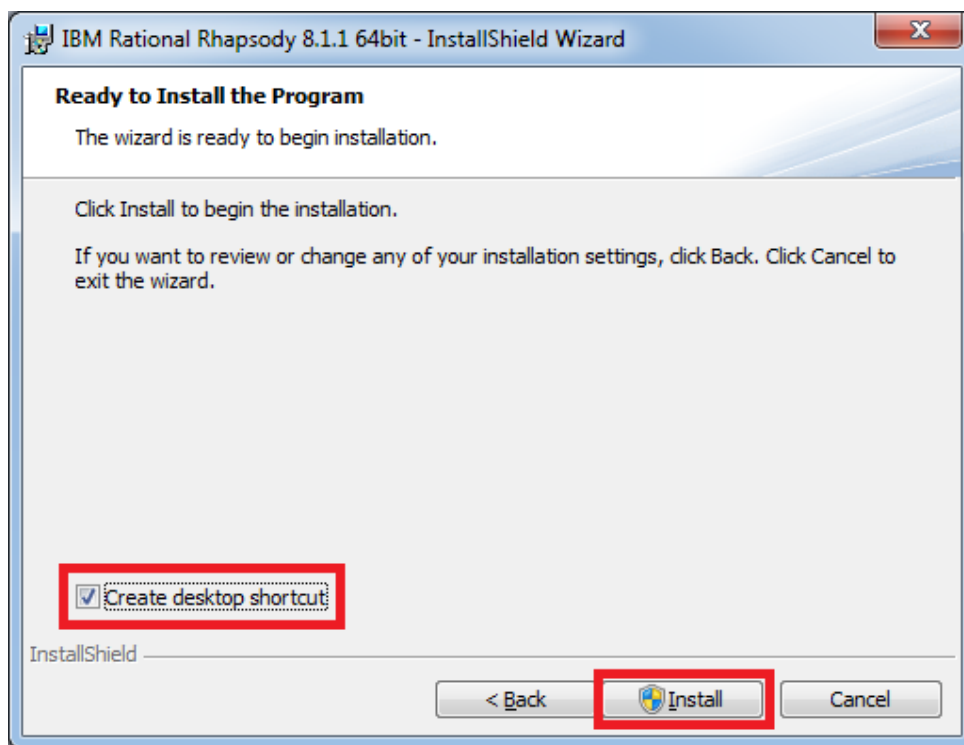

Default settings work fine, click "Next".
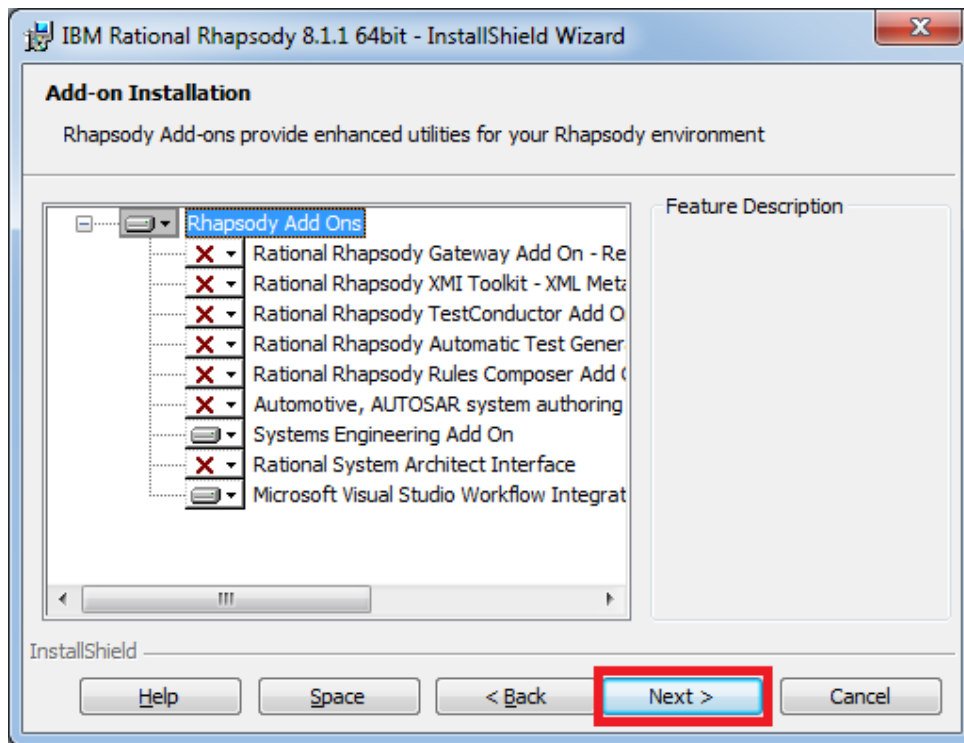
Choose "A client license file, Enter the path to the client license file" and then "Browse" to find the evaluation license file you downloaded, select it, and choose "Next".
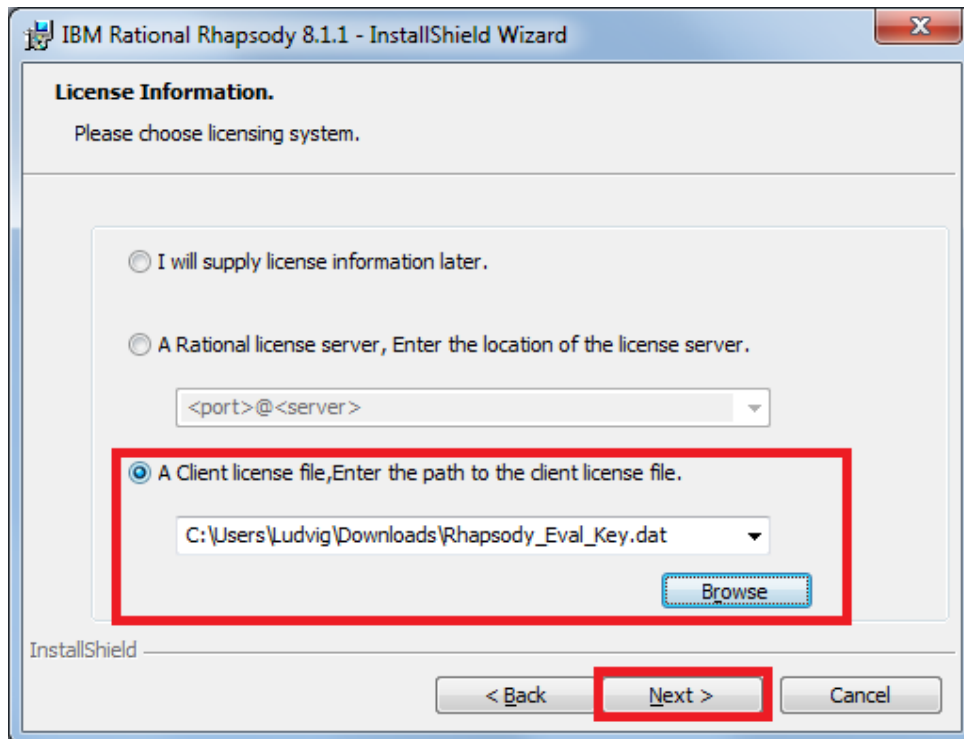
Choose to create a desktop shortcut, if you wish. Upon clicking "Install", the installation procedure will take place. It will take a couple of minutes to complete.

After finishing the installation, click "Finish".
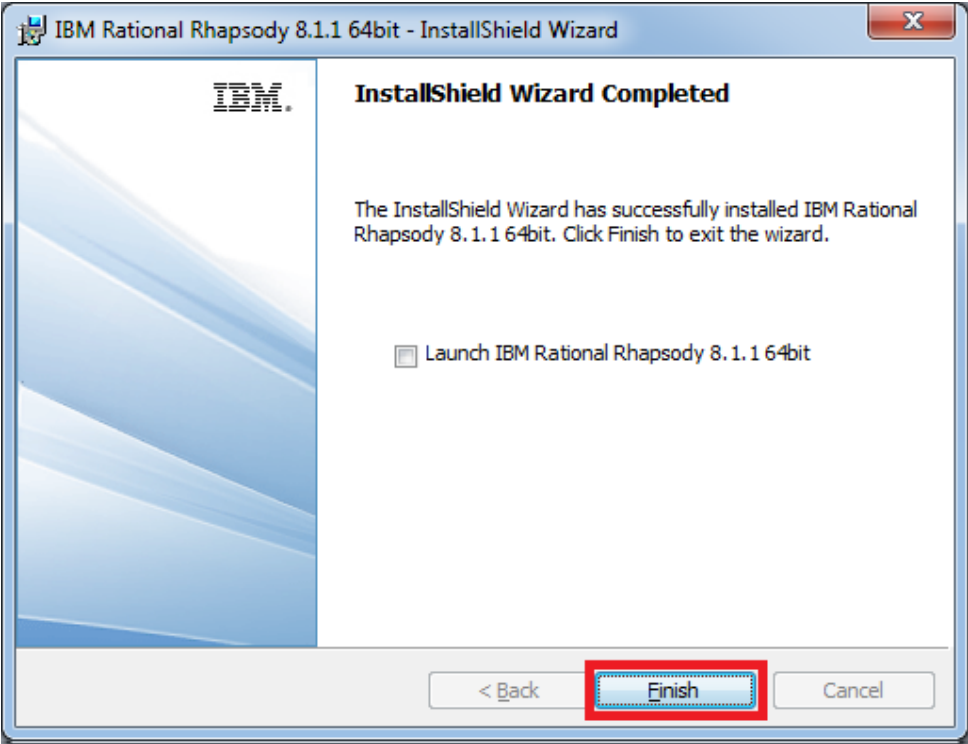
4 Preparing the environment for use with Rational Rhapsody

A couple of paths and tools has to be setup correctly in order to get Rational Rhapsody to work.
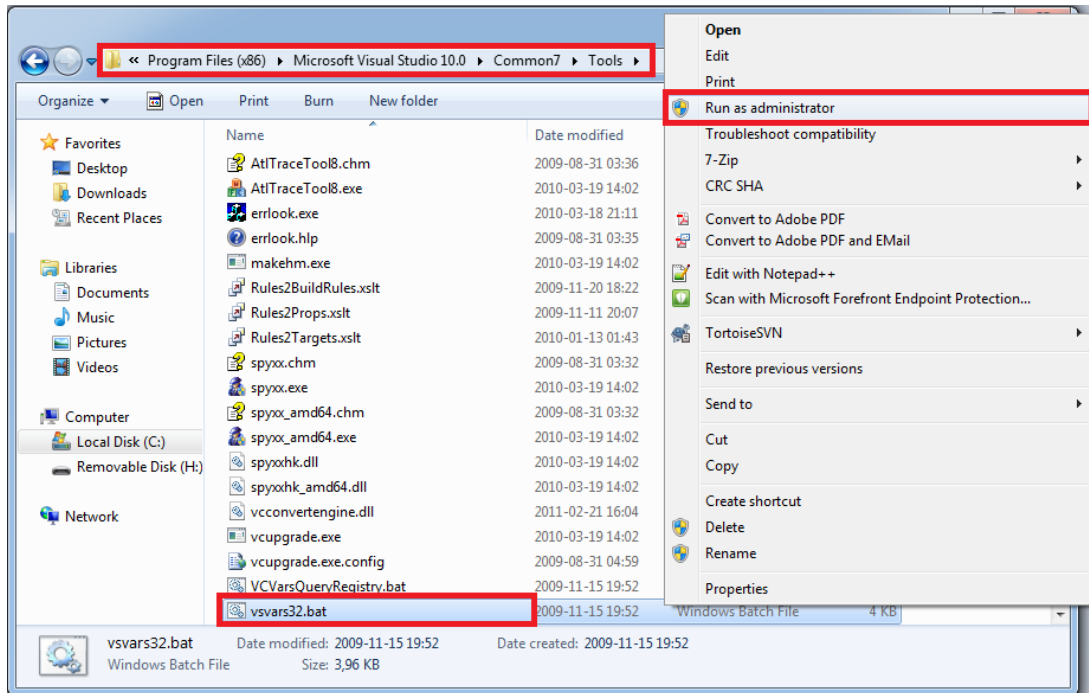Navigate to the following MSVC10 folder

    <Microsoft Visual Studio 2010 root folder>\Common7\Tools

which on a standard installation of corresponds to

    C:\Program Files (x86)\Microsoft Visual Studio 10.0\Common7\Tools
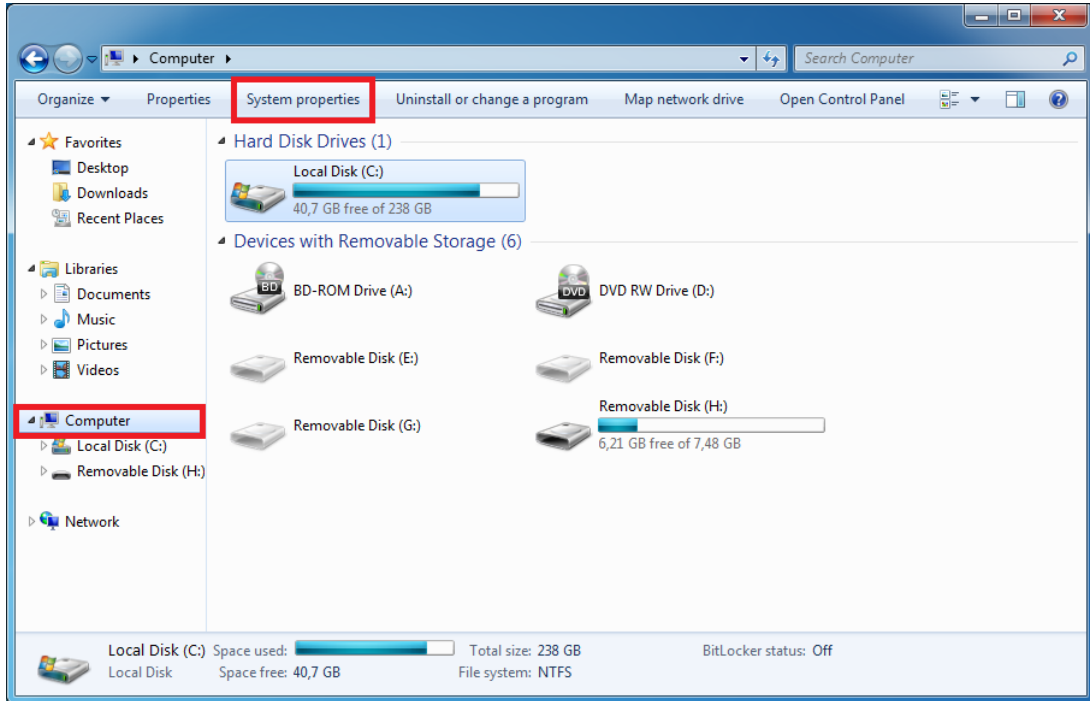
and right-click the file `vsvars32.bat`, and then choose "Run as administrator".
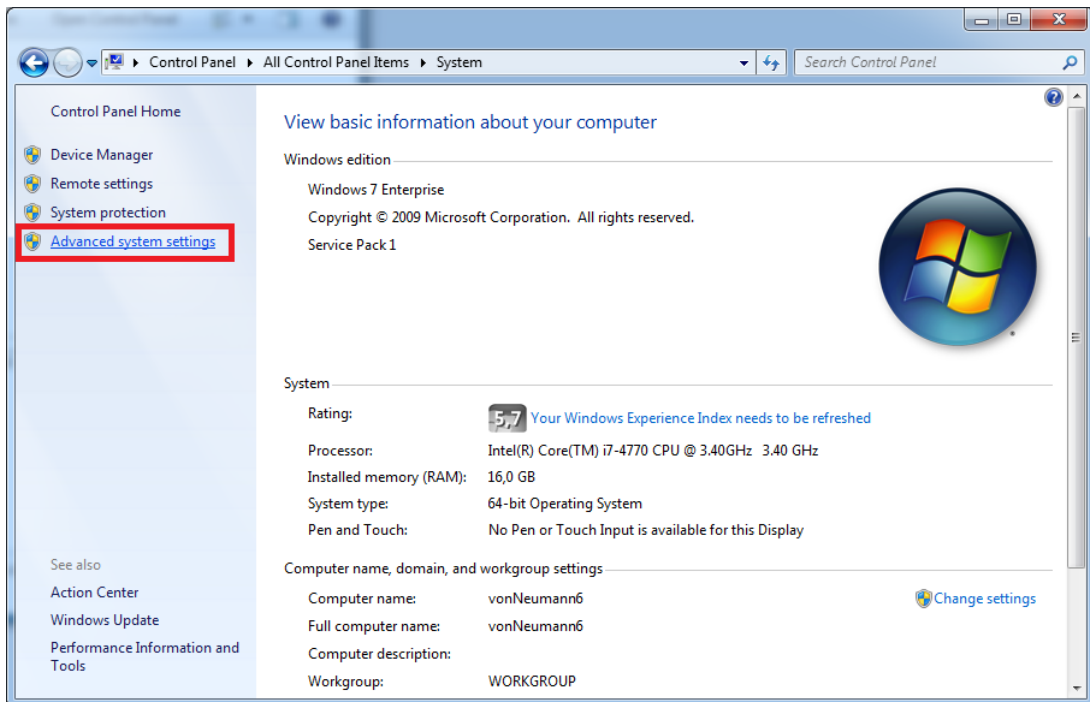
Copy the location of the root folder of MSVC10, if the default installation location was chosen, this will be

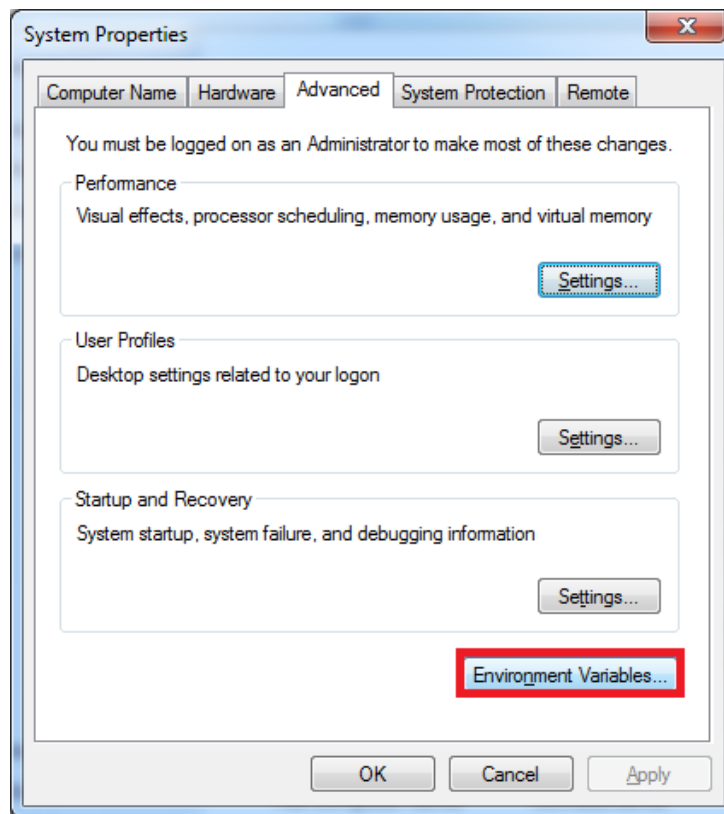   C:\Program Files (x86)\Microsoft Visual Studio 10.0

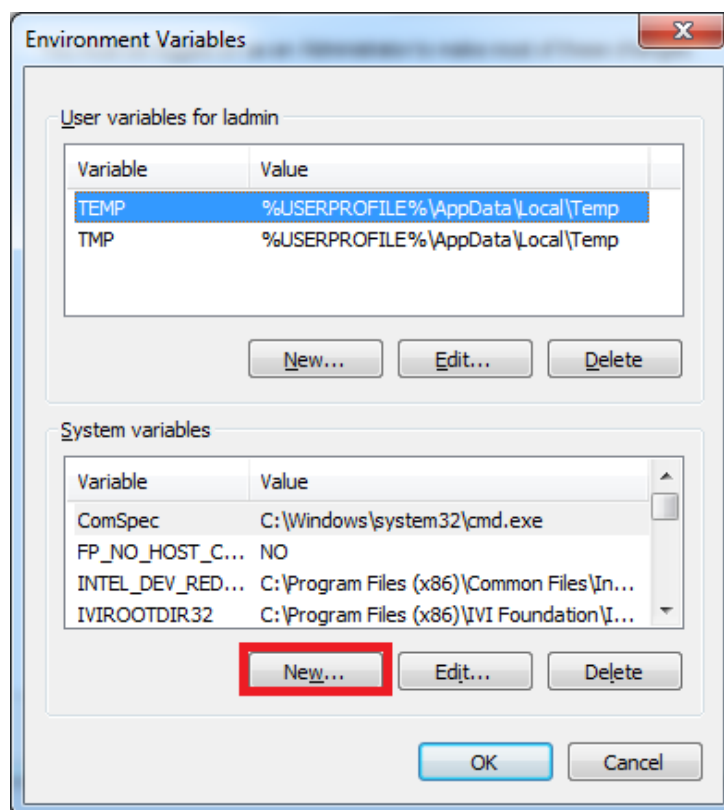then go to "Computer" and click on "System properties".
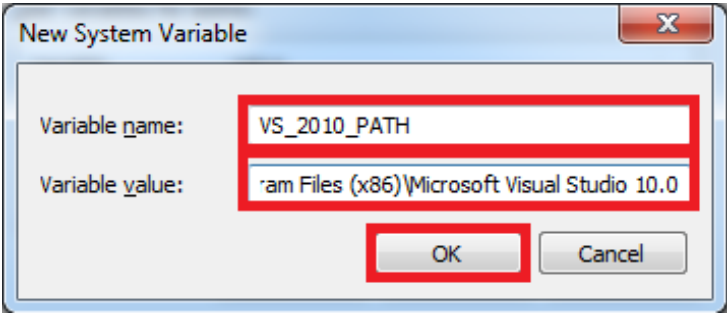

Choose "Advanced system settings"

and then choose "Environment Variables".

Choose "New" under "System variables"

and create a new system variable, the variable name should be `VS_2010_PATH` and the value should be the path to the MSVC10 root folder that you copied earlier. Enter the information and press OK.

The installation process should now be complete. Follow the step-by-step tutorial provided in the lab instructions to verify the installation.