

UNIT TESTING IN VISUAL STUDIO 2010 PHYSICAL/VIRTUAL MACHINE BUILD GUIDE

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You will need to create an environment that can run Visual Studio 2010.

We recommend:

- Windows 7 Professional Edition
- Visual Studio 2010 Ultimate
- Visual Studio 2010 SP1

Note: You **won't** need to install SQL Server, Office, or Team Foundation Server

A. Windows 7 Operating System

- Start with a physical or virtual machine with at least 1.5 GB of RAM (more is better)
- Install Windows 7 with current service packs
- Create an account Student with a password of password
- Set the time zone
- Activate Windows
- Set any initial desktop/start menu icons and general look and feel (Remember the students will be logging using the *Student* account)
- Manually check for updates

B. Install Visual Studio 2010

- Install Visual Studio 2010 Ultimate or Premium edition
 - Professional edition will work for **most** of the labs, but doesn't contain code coverage or test impact analysis tools
 - Install all options, with maybe the exception of C++, F# and SQL Server Express
- Install Visual Studio 2010 SP1
- Manually check for updates (optional)

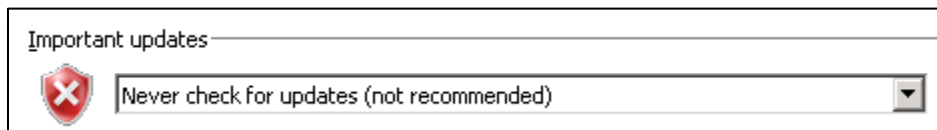
C. Install additional software and other prep

- Windows Install WINRAR or other .ZIP file management software
- Add any icons to the desktop, start menu, or (quick launch) task bar you want
- Manually check for updates (optional)
- Clear the browser cache
- Clear the event logs
- Save/image/snapshot the environment

D. FAQ

Q. Should I enable automatic updates?

A. No. They will inevitably interrupt the learning experience. Manual updates are better.



Q. Should I turn on Windows firewall?

A. No. It's not necessary and could only get in the way of the learning experience.