Developer
Training

Course #04300

Symbian OS Basics
Setup Guide

NOKIA

Version 3.0

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Introduction

This document gives details of the hardware and software requirements of a machine to be used in this course for both students and instructors.

Disclaimer Note

This guide provides instructions for setting up computers in a classroom environment. Because these instructions were not tested on computers outside a classroom environment, Nokia does not guarantee that this setup will work on your computer and does not provide support for this guide.

Computer Requirements

General Requirements

Student and instructor computers require the following hardware and software configuration.

The following table defines the computer hardware specification that must be satisfied:

Hardware
• Pentium III or personal computer with processor speed greater than or equal to 700 MHz. • System bus (PCI bus must meet 2.1 specs). • At least 768 MB of RAM. • 16 GB hard disk (with at least 2GB free space on C drive). • 512-KB L2 cache. • CD-ROM/DVD player. • Non-ISA network adapter (10/100 Mbps required* full duplex). • 4-MB video adapter. • Display capable of 16-bit color at 1024 x768-pixel resolution. • Microsoft Mouse or compatible pointing device. • Sound card with amplified speakers. • USB Port. • Support for Wireless Internet (Optional).

The following table defines the computer software that must be installed on a student or instructor computer. As can be seen, the list of software is split into two parts; software that is included on the “Developer Training Materials SDK CD” and software that isn’t.

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Software – Not Included on the "Developer Training Materials SDK CD"
• Microsoft Windows XP OS • Microsoft Windows XP Service Pack 2
Software – Included on the "Developer Training Materials SDK CD"
• ActivePerl 5.8.7 • Java Run-Time 1.4.2 • S60 3rd Edition SDK • Carbide.c++ Express IDE

Nokia only supports this course on this base installation.

General Setup Instructions

This section specifies the instructions to setup a student or instructor computer. For student computers this is the only setup required. For instructor computers additional setup is necessary; refer to the section entitled "Additional Instructor Setup Instructions" for details.

It is assumed that Windows XP OS and Service Pack 2 for Windows XP have already been installed on your computer.

- Insert the "Developer Training Materials SDK CD" into your computer's CD/DVD drive.
- Open Windows Explorer and view the contents of the CD.
- Begin installing ActivePerl 5.8.7 by double clicking on the file named "ActivePerl-5.8.7.813-MSWin32-x86-148120.msi". Complete the installation by following the on screen instructions, accepting all default options.
- Begin installing Java Run-Time 1.4.2 by double clicking on the file named "j2re-1_4_2_12-windows-i586-p.exe". Complete the installation by following the on screen instructions, accepting all default options.
- Extract the contents of the S60 3rd Edition SDK zip file (called S60-SDK-0616-3.0-mr.3.749.zip) to C:\temp.
- Install the SDK by following instructions contained in the SDK's installation guide document (called S60_3_0_CPP_SDK_CW_InstallationGuide_1.1.pdf).
- Begin installing Carbide.c++ Express v1.1 by double clicking on the file named "Carbide_c++_Express_v1_1.exe". Complete the installation by following the on screen instructions, accepting all default options.
- Remove the "Developer Training Materials SDK CD" from your computer's CD/DVD drive.
- Insert the "Developer Training Materials Student Materials CD" into your computer's CD/DVD drive.
- Copy the contents of the CD (containing all the lab code) to folder C:\Labs ensuring that C:\Labs did not previously exist.
- Remove the "Developer Training Materials Student Materials CD" from your computer's CD/DVD drive.

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- Close Windows Explorer.

Additional Instructor Requirements

In addition to the general requirements described above, instructor computers also require the following additional requirements:

Hardware
• Projection display device that supports SVGA 800x600, 16-bit colour.

Software – Not Included on the "Developer Training Materials SDK CD"
• Microsoft Office 2000 (or later) – (Only PowerPoint is required)

Additional Instructor Setup Instructions

For instructor computers the following additional setup must also be performed:

- Install Microsoft Office 2000 (or later) following the manufacturer's instructions.
- Download "Courseware Fonts" (i.e. file fonts.EXE) from the www.nct.nokia.com website.
- Begin installing "Courseware Fonts" by double clicking on the file. Complete the installation by following the on screen instructions, accepting all default options.
- Download "Instructor Presentations" (i.e. the file beginning with "ID-EN-...") from the www.nct.nokia.com website.
- Extract the contents of the "Instructor Presentations" zip file to the location of your choosing.

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