9.2 Configuring and compiling Kernel and Windows CE 6.0 bootloader

Because Windows CE6 kernel configuration is more complex, vulnerable configuration does not compile result, we all know Windows CE platform compilation use a long time, we deliberately use two kernel project samples for reference, the user according to the following steps can be compiled, and CD-ROM images\wince6.0 directory corresponding compiled kernel image file.

Be noted that BSP compile kernel can't larger than the 30MB, Tencent QQ have relatively large, so we have two sample : mini2440 and mini2440-with-QQ, the former contains some common configuration options, which remove the SQL-related components, add the Tencent QQ, the other part is most of the same, the user can compare. We recommend users to use mini2440 (This is referred to the default kernel example), install the development board; Tencent QQ is just the common test.

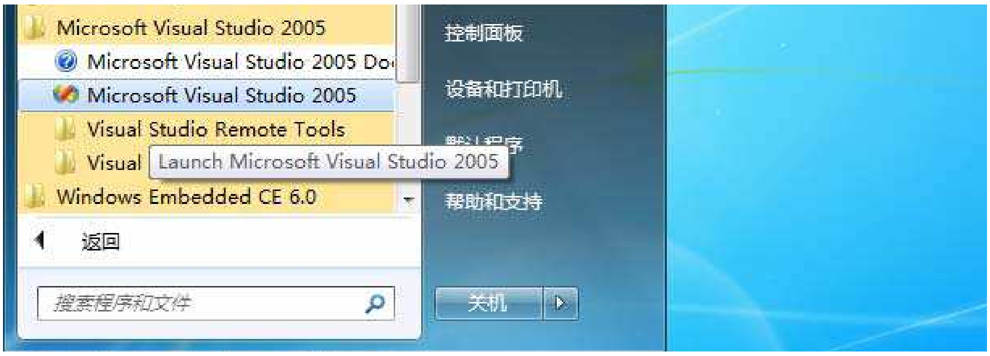
9.2.1 Introduction to the default Kernel

The default kernel configuration options the user some common features, along the following lines:

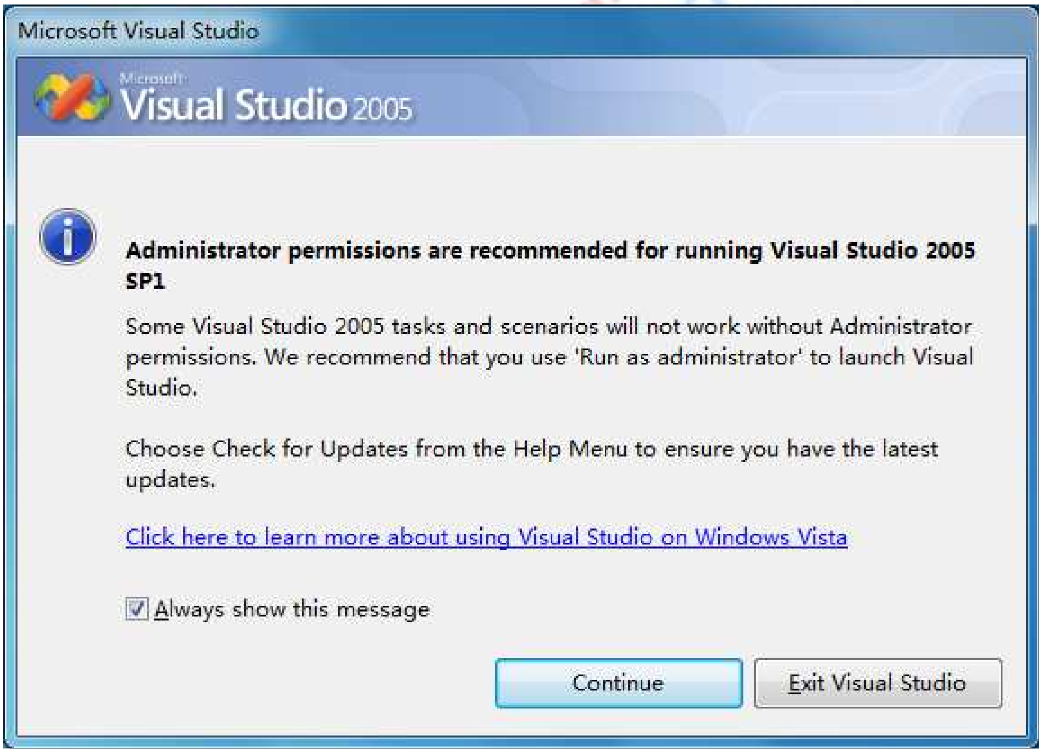
9.2.2 Compile default Kernel sample project

Now, we start to compile just installed VS2005 mini2440 BSP, VS2005, when you first start to take note of some issues, the following steps:

Step 1: Click "Start > Programs > Microsoft Visual Studio 2005 > Microsoft Visual Studio 2005" (referred to VS2005), as shown in figure.


Microsoft Visual Studio 2005
Microsoft Visual Studio 2005 Do
Microsoft Visual Studio 2005
Visual Studio Remote Tools
Visual
Launch Microsoft Visual Studio 2005
Windows Embedded CE 6.0
返回
搜索程序和文件
控制面板
设备和打印机
默认程序
帮助和支持
关机

Step 2: Tip window will appear below, please do not click "Continue", where Microsoft recommends that you use to run the program as an administrator, so the click of "Exit Visual Studio" to exit.



Administrator permissions are recommended for running Visual Studio 2005 SP1

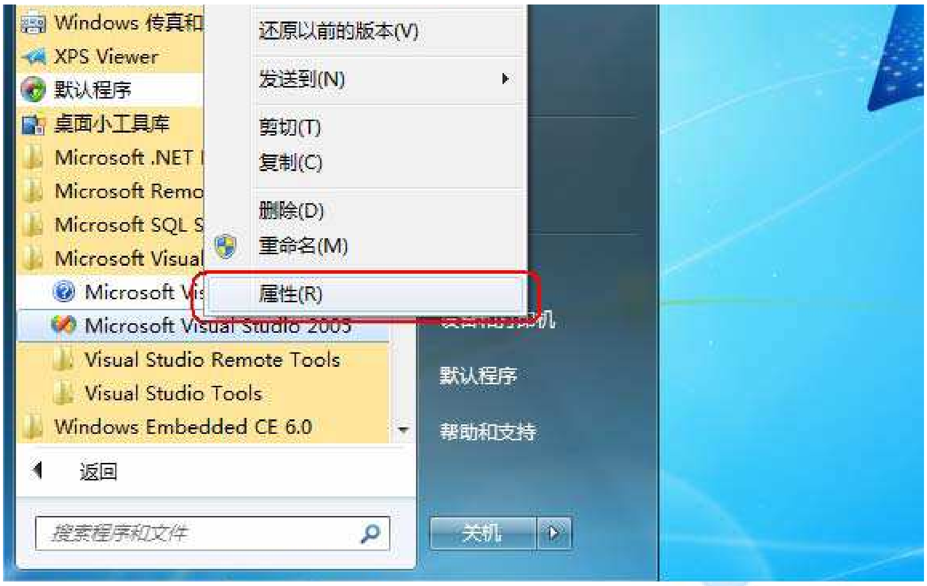
Some Visual Studio 2005 tasks and scenarios will not work without Administrator permissions. We recommend that you use 'Run as administrator' to launch Visual Studio.

Choose Check for Updates from the Help Menu to ensure you have the latest updates.

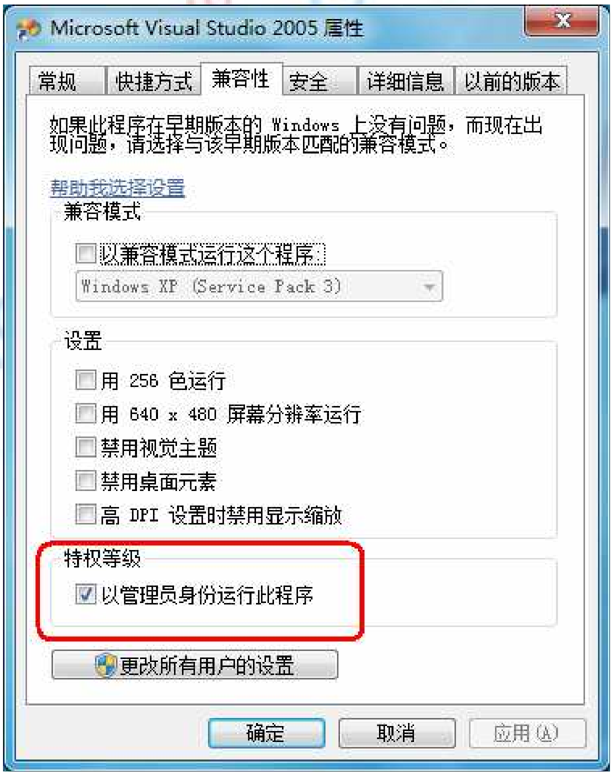
Click here to learn more about using Visual Studio on Windows Vista

☑ Always show this message

Step 3: We first VS2005 is set to administrator permissions, click "Start > Programs > VS2005 > VS2005", then right click the menu shown, click "Properties".



Step 4: Figure window appears, click "Compatibility" tab, and check as shown in figure, click "OK" to return.


Microsoft Visual Studio 2005 属性

如果此程序在早期版本的 Windows 上没有问题，而现在出现问题，请选择与该早期版本匹配的兼容模式。

帮助我选择设置

兼容模式

□ 以兼容模式运行这个程序:

Windows XP (Service Pack 3)

设置

□ 用 256 色运行

□ 用 640 x 480 屏幕分辨率运行

□ 禁用视觉主题

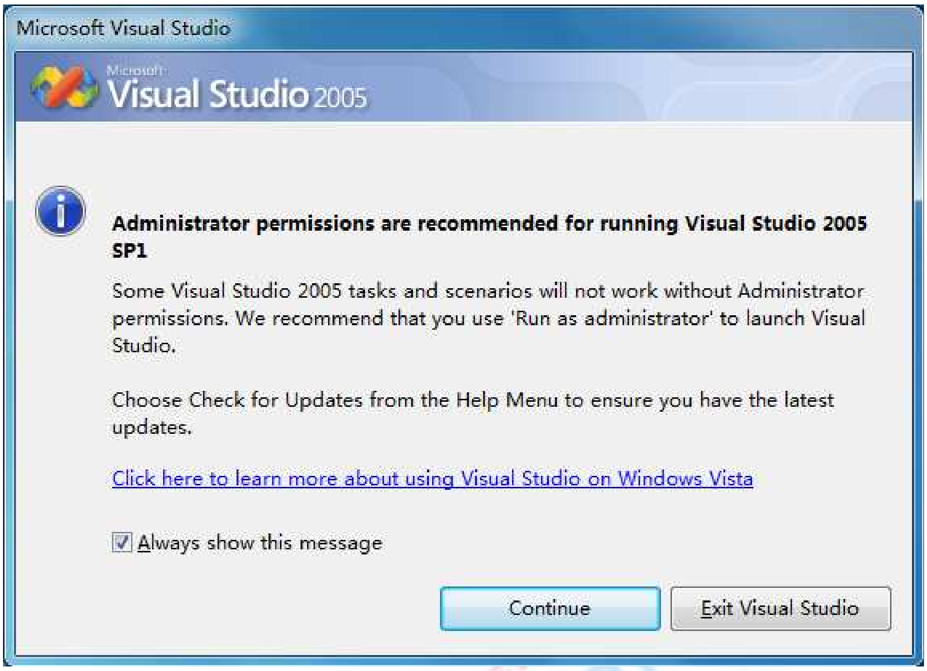
□ 禁用桌面元素

□ 高 DPI 设置时禁用显示缩放

特权等级

☑ 以管理员身份运行此程序

Step 5: At this time click "Start > Programs > VS2005 > VS2005", will just tip window appear, as shown, click "Continue", at this time will be run VS2005 as administrator.



Administrator permissions are recommended for running Visual Studio 2005 SP1

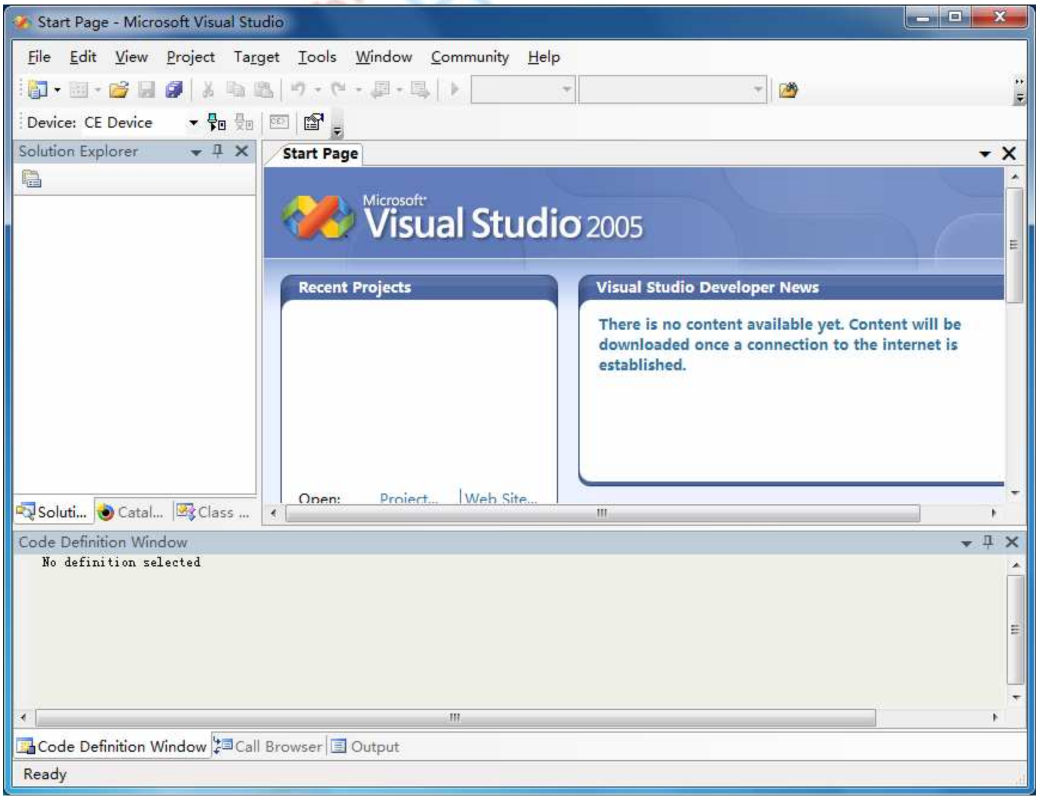
Some Visual Studio 2005 tasks and scenarios will not work without Administrator permissions. We recommend that you use 'Run as administrator' to launch Visual Studio.

Choose Check for Updates from the Help Menu to ensure you have the latest updates.

Click here to learn more about using Visual Studio on Windows Vista

☑ Always show this message

Step 6: In figure interface, this interface is the work of VS2005, this is no longer repeating the arguments the interface, please refer to the user data can be used VS2005.

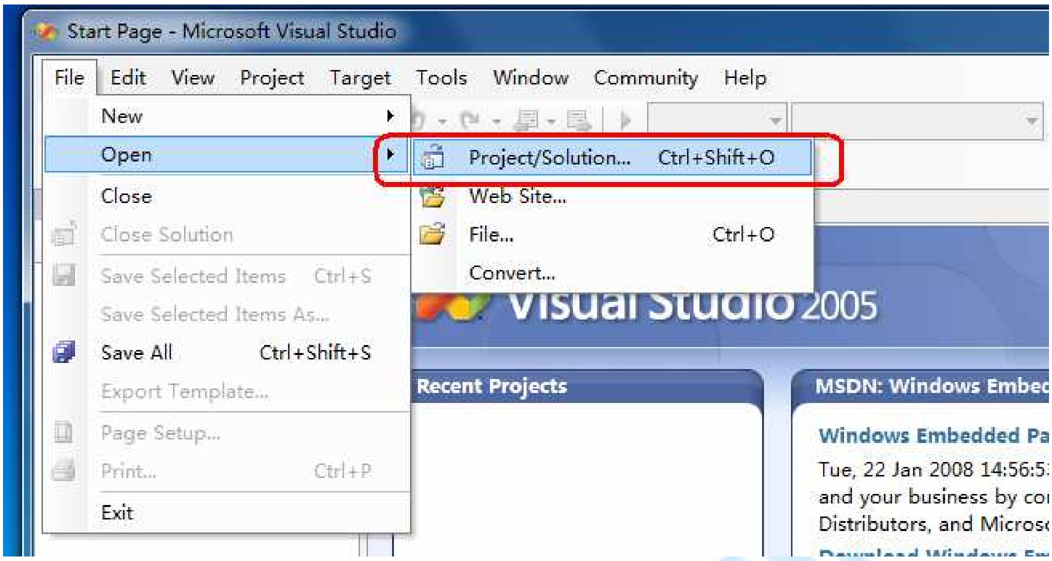

Start Page - Microsoft Visual Studio
File Edit View Project Target Tools Window Community Help
Device: CE Device
Solution Explorer
Start Page
Microsoft Visual Studio 2005
Recent Projects
Visual Studio Developer News
Open: Project... Web Site...
Soluti... Catal... Class ...
Code Definition Window
Code Definition Window Call Browser Output

There is no content available yet. Content will be downloaded once a connection to the internet is established.

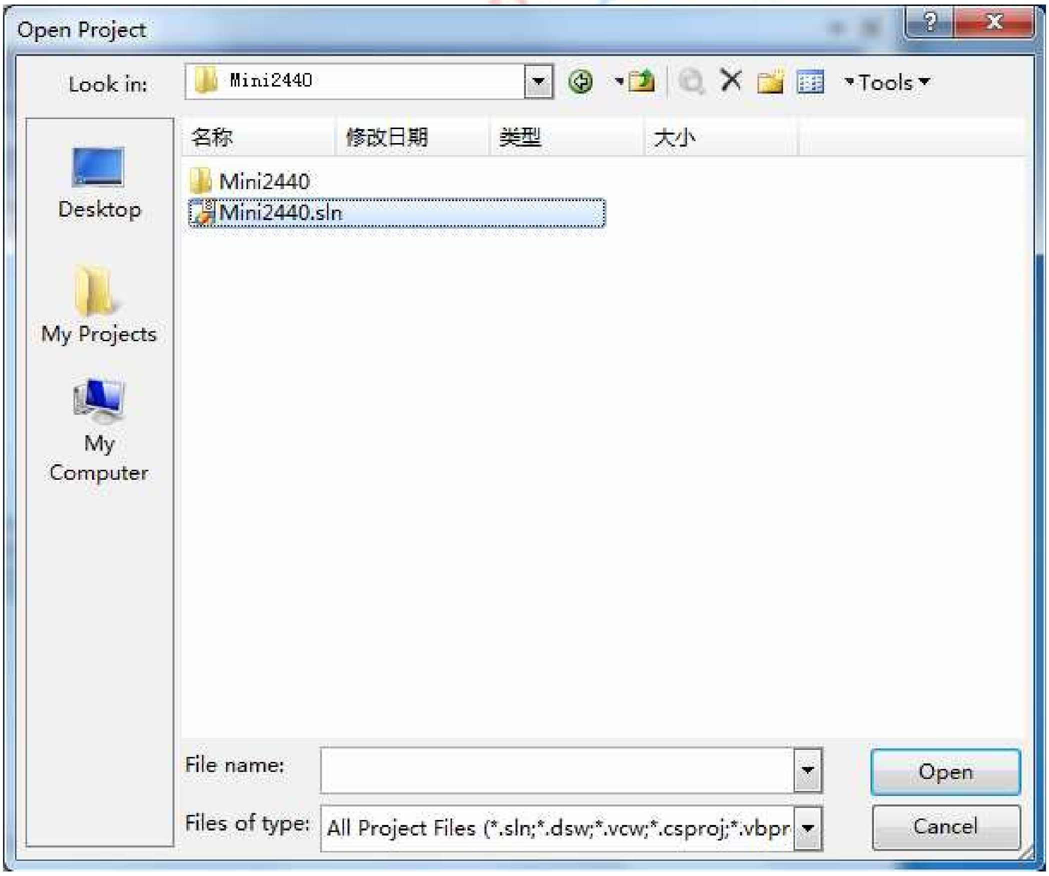
```
No definition selected
```

Ready

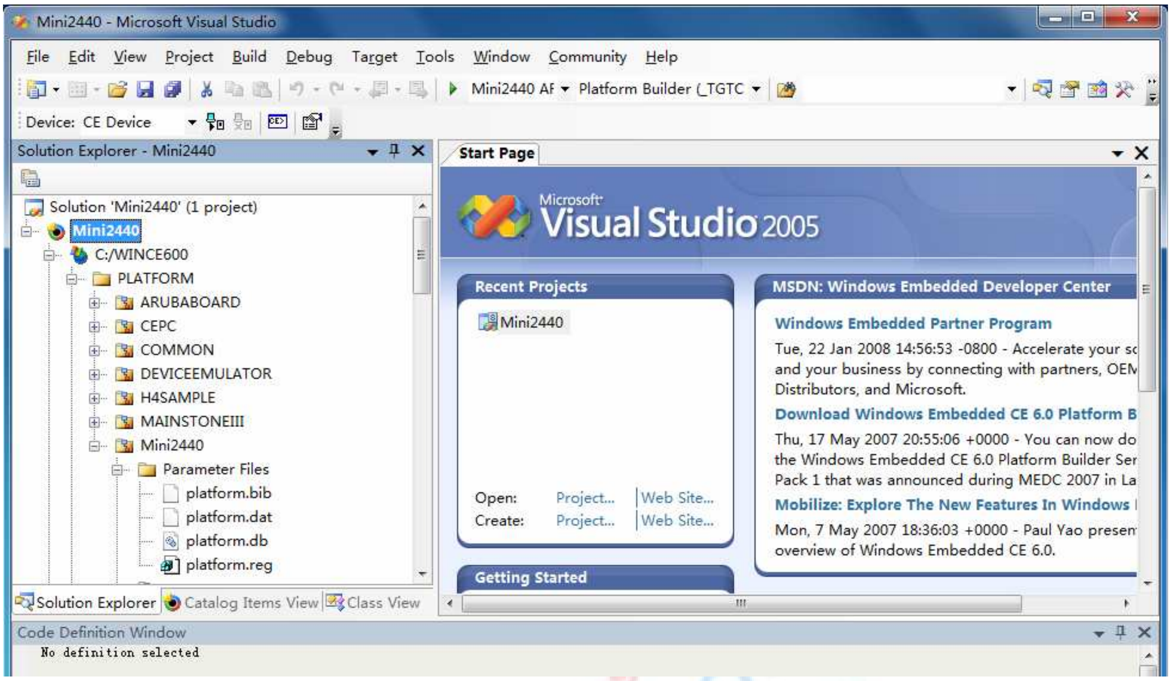
Step 7: Click File > Open > Project/Solution ...” shown in figure.



Step 8: File selection window appears, find the default kernel mini2440 project files (path: C:\WINCE600\OSDesigns\Mini2440), click "Open", shown in figure.



Step 9: Wait a moment, mini2440 default kernel project workspace is loaded, the interface in figure.



Windows Embedded Partner Program

Tue, 22 Jan 2008 14:56:53 -0800 - Accelerate your sc and your business by connecting with partners, OEM Distributors, and Microsoft.

Download Windows Embedded CE 6.0 Platform B

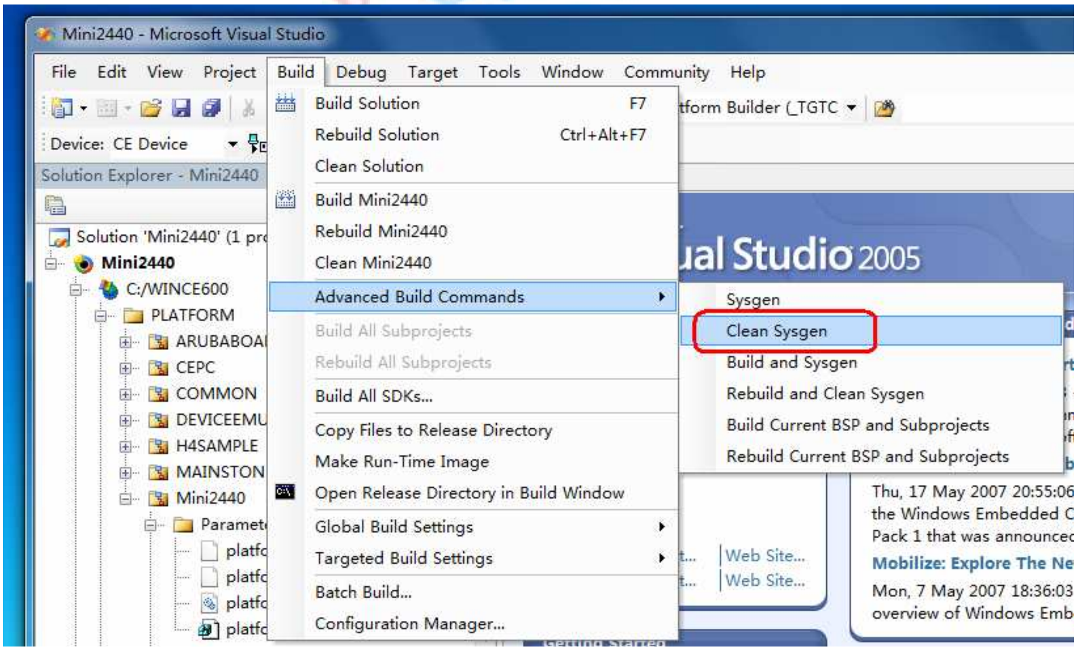
Thu, 17 May 2007 20:55:06 +0000 - You can now do the Windows Embedded CE 6.0 Platform Builder Ser Pack 1 that was announced during MEDC 2007 in La

Mobilize: Explore The New Features In Windows I

Mon, 7 May 2007 18:36:03 +0000 - Paul Yao presen overview of Windows Embedded CE 6.0.

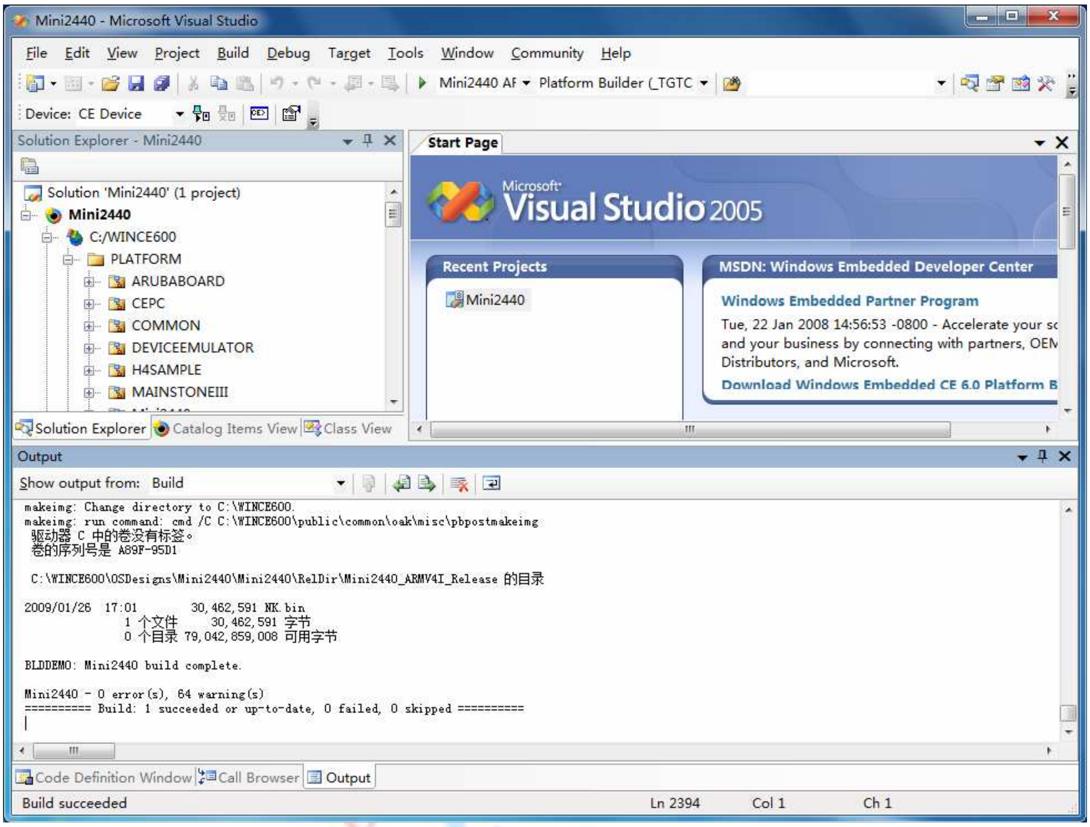
```
No definition selected
```

Step 10: Click "Build > Advanced Build Commands > Clean Sysgen" to compile the kernel, as shown, this process is longer, please waiting.



Step 11: Compilation completed, the results shown at this time would be to build the kernel image file NK.bin and NK.nb0, and the path is as follows.

C:\WINCE600\OSDesigns\Mini2440\Mini2440\RelDir\Mini2440_ARMV4I_Release.


Mini2440 - Microsoft Visual Studio
File Edit View Project Build Debug Target Tools Window Community Help
Mini2440 AF
Platform Builder (_TGTC
Device: CE Device
Solution Explorer - Mini2440
Solution 'Mini2440' (1 project)
Mini2440
C:/WINCE600
PLATFORM
ARUBABOARD
CEPC
COMMON
DEVICEEMULATOR
H4SAMPLE
MAINSTONEIII
Solution Explorer
Catalog Items View
Class View
Start Page
Microsoft Visual Studio 2005
Recent Projects
Mini2440
MSDN: Windows Embedded Developer Center
Windows Embedded Partner Program
Tue, 22 Jan 2008 14:56:53 -0800 - Accelerate your sc
and your business by connecting with partners, OEM
Distributors, and Microsoft.
Download Windows Embedded CE 6.0 Platform B
Output
Show output from: Build
Code Definition Window
Call Browser
Output
Build succeeded
Ln 2394
Col 1
Ch 1

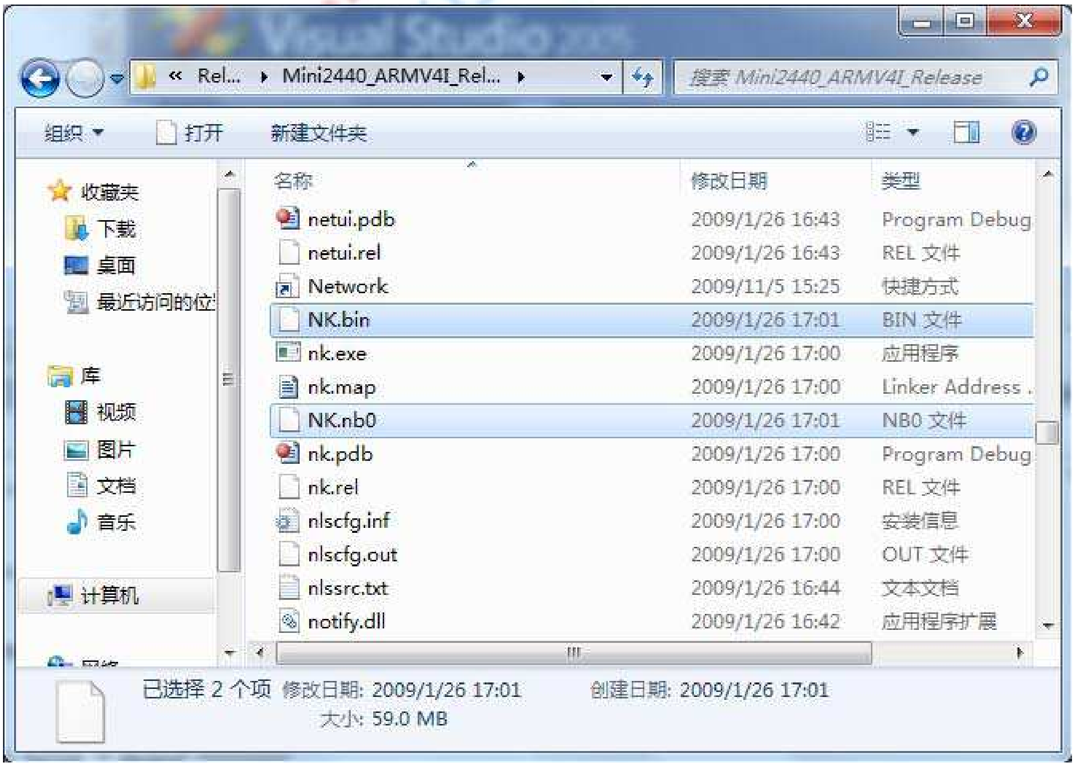
```
makeimg: Change directory to C:\WINCE600.
makeimg: run command: cmd /C C:\WINCE600\public\common\oak\misc\pbpostmakeimg
 驱动器 C 中的卷没有标签。
 卷的序列号是 A89F-95D1

 C:\WINCE600\OSDesigns\Mini2440\Mini2440\RelDir\Mini2440_ARMV4I_Release 的目录

2009/01/26  17:01        30,462,591 NK.bin
               1 个文件     30,462,591 字节
               0 个目录 79,042,859,008 可用字节

BLDDEMO: Mini2440 build complete.

Mini2440 - 0 error(s), 64 warning(s)
========== Build: 1 succeeded or up-to-date, 0 failed, 0 skipped ==========
```



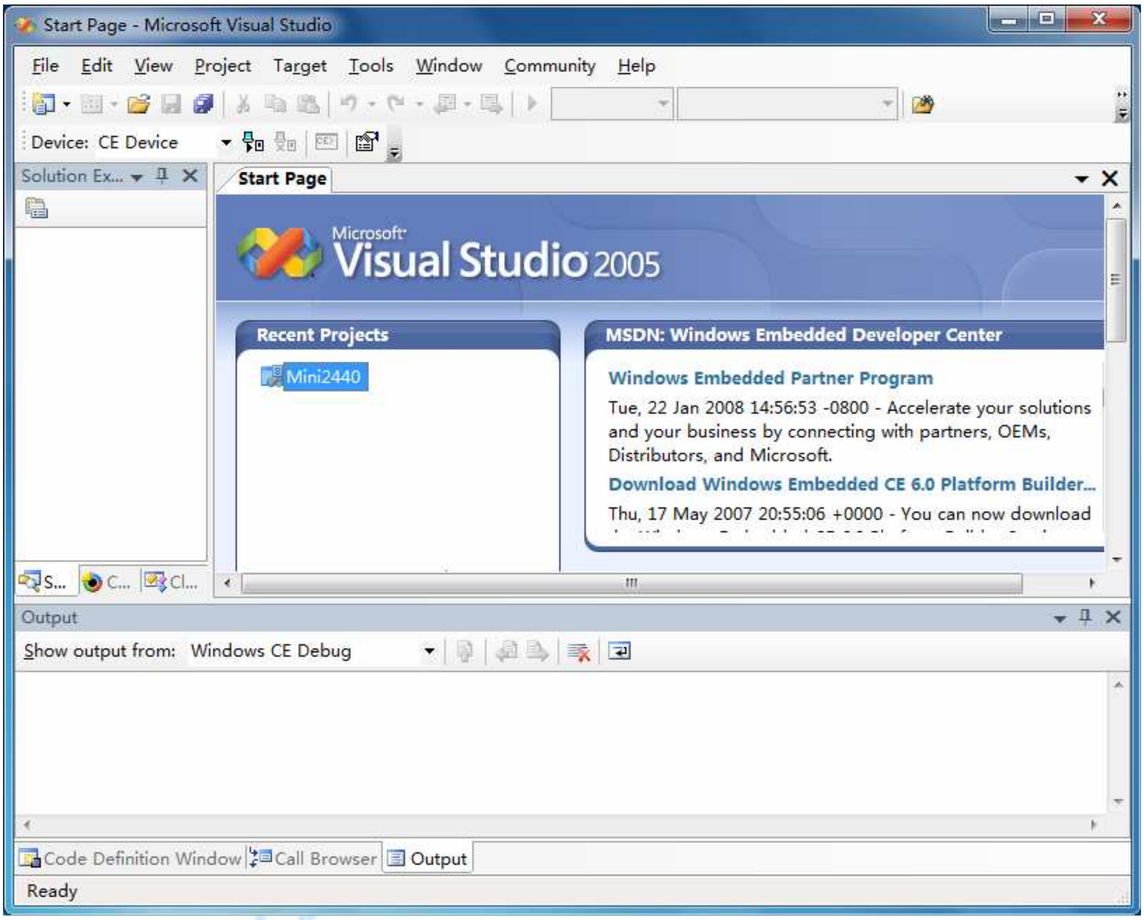
名称	修改日期	类型
netui.pdb	2009/1/26 16:43	Program Debug
netui.rel	2009/1/26 16:43	REL 文件
Network	2009/11/5 15:25	快捷方式
NK.bin	2009/1/26 17:01	BIN 文件
nk.exe	2009/1/26 17:00	应用程序
nk.map	2009/1/26 17:00	Linker Address .
NK.nb0	2009/1/26 17:01	NB0 文件
nk.pdb	2009/1/26 17:00	Program Debug
nk.rel	2009/1/26 17:00	REL 文件
nlscfg.inf	2009/1/26 17:00	安装信息
nlscfg.out	2009/1/26 17:00	OUT 文件
nlssrc.txt	2009/1/26 16:44	文本文档
notify.dll	2009/1/26 16:42	应用程序扩展

已选择 2 个项 修改日期: 2009/1/26 17:01 创建日期: 2009/1/26 17:01
大小: 59.0 MB

9.2.3 Kernel compiled with Tencent QQ example projects

Compile the kernel with Tencent QQ project and support similar to the steps above, but do not have to reset the VS2005 "administrator permissions" of the property, as follows.

Step 1: Click "Start > Programs > VS2005 > VS2005", open the VS2005 working interface.


Start Page - Microsoft Visual Studio
File Edit View Project Target Tools Window Community Help
Device: CE Device
Solution Ex...
Start Page
Microsoft Visual Studio 2005
Recent Projects
Mini2440
MSDN: Windows Embedded Developer Center
Windows Embedded Partner Program
Download Windows Embedded CE 6.0 Platform Builder...
S... C... Cl...
Output
Code Definition Window
Call Browser
Output
Ready

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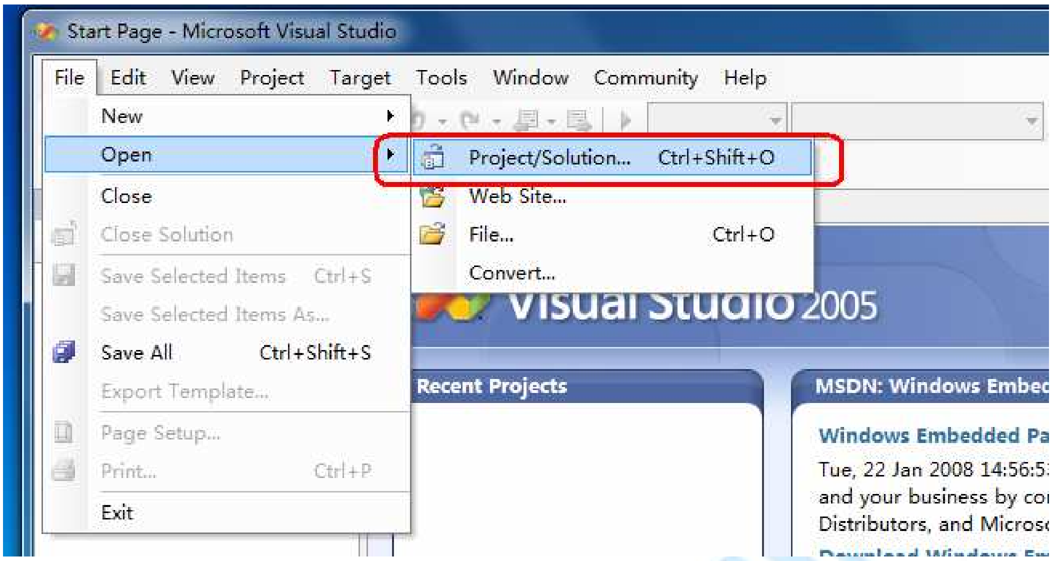
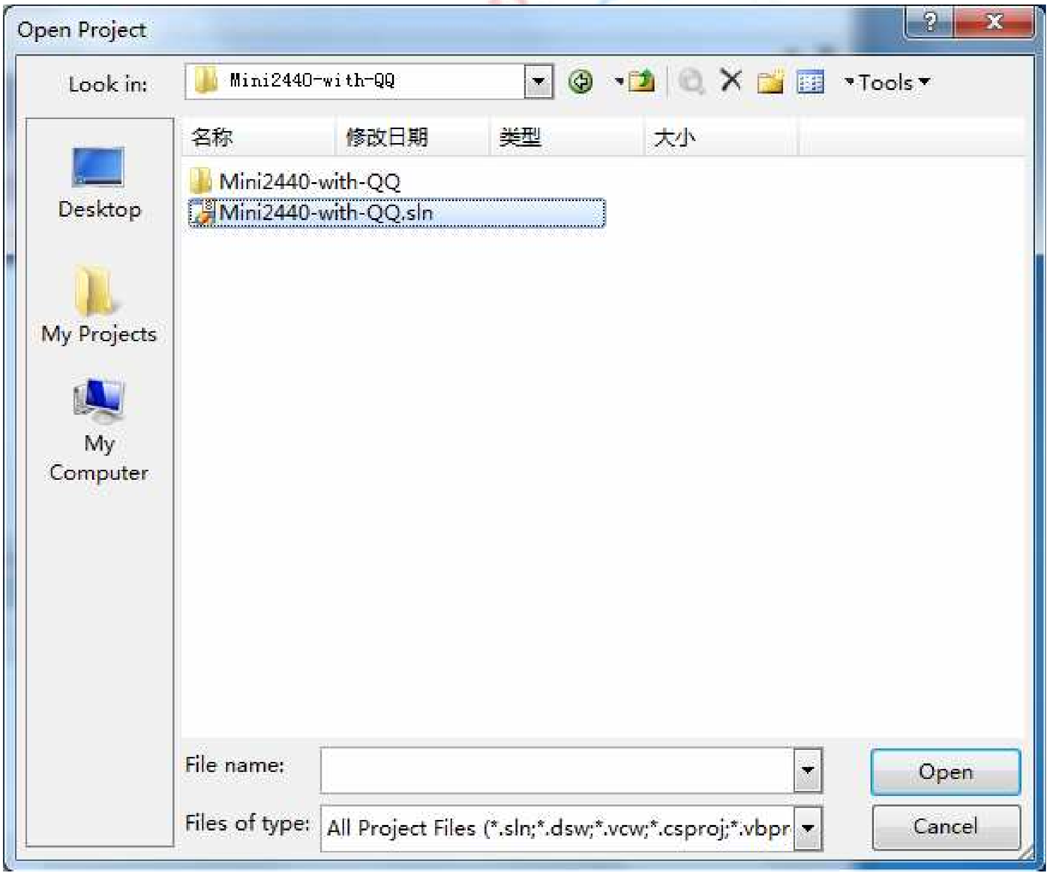
Thu, 17 May 2007 20:55:06 +0000 - You can now download

Show output from: Windows CE Debug

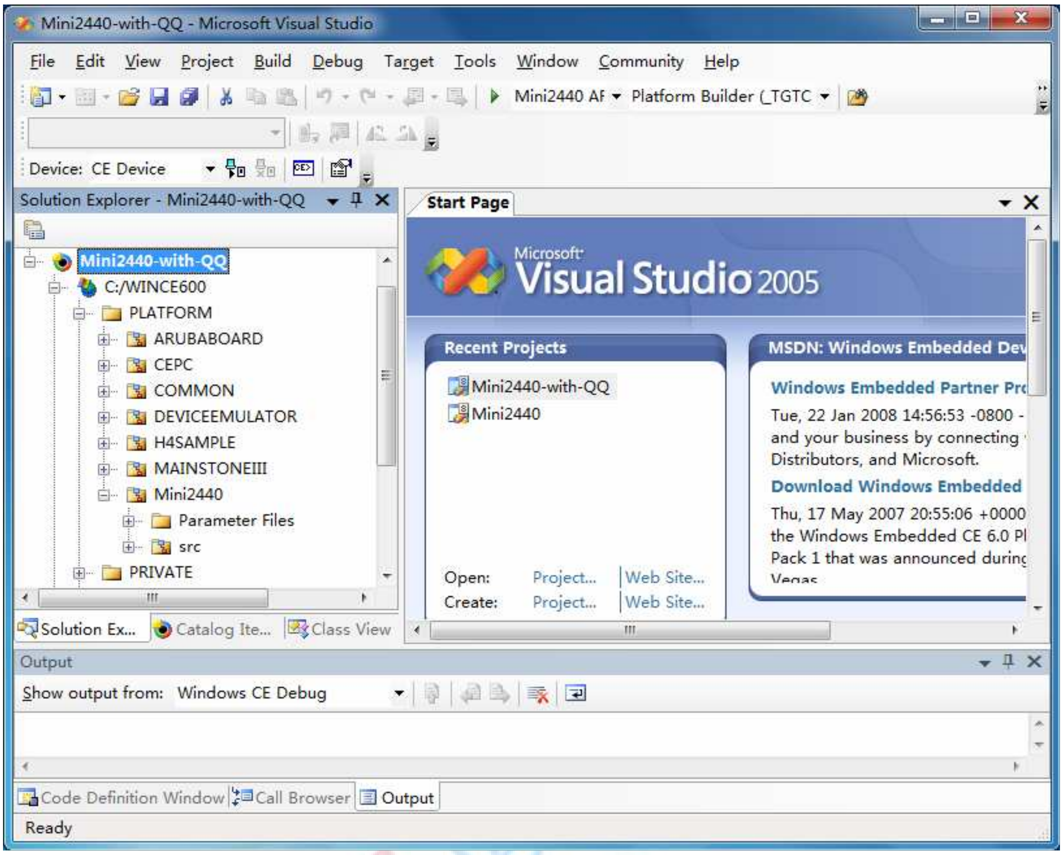
Step 2: Click “File > Open > Project/Solution ...” shown in figure.



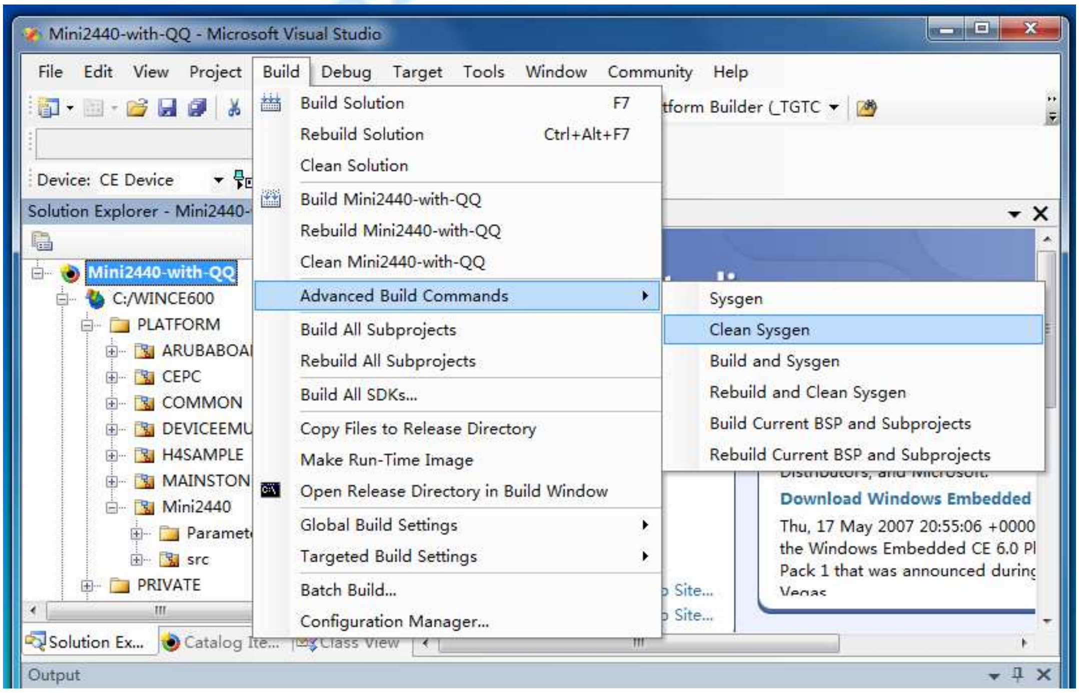
Step 3: File selection window appears, find the default kernel mini2440 project files (path: C:\WINCE600\OSDesigns\Mini2440-with-QQ), Click "Open", shown in figure.



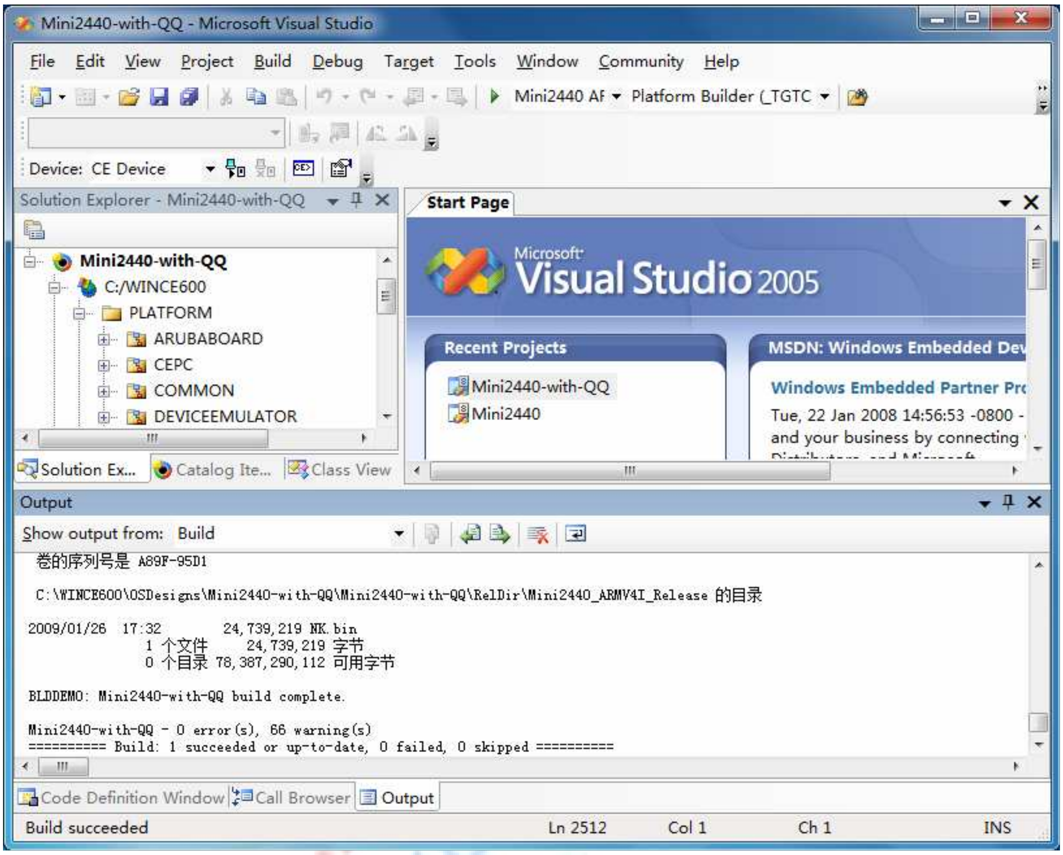
Step 4: Wait a moment, mini2440 default kernel project workspace is loaded, the interface in figure.


Mini2440-with-QQ - Microsoft Visual Studio
File Edit View Project Build Debug Target Tools Window Community Help
Mini2440 AF
Platform Builder (_TGTC
Device: CE Device
Solution Explorer - Mini2440-with-QQ
Mini2440-with-QQ
C:/WINCE600
PLATFORM
ARUBABOARD
CEPC
COMMON
DEVICEEMULATOR
H4SAMPLE
MAINSTONEIII
Mini2440
Parameter Files
src
PRIVATE
Solution Ex...
Catalog Ite...
Class View
Start Page
Microsoft Visual Studio 2005
Recent Projects
Mini2440-with-QQ
Mini2440
Open: Project... Web Site...
Create: Project... Web Site...
MSDN: Windows Embedded Dev
Windows Embedded Partner Pro
Tue, 22 Jan 2008 14:56:53 -0800 -
and your business by connecting
Distributors, and Microsoft.
Download Windows Embedded
Thu, 17 May 2007 20:55:06 +0000
the Windows Embedded CE 6.0 Pl
Pack 1 that was announced during
Vegas
Output
Show output from: Windows CE Debug
Code Definition Window
Call Browser
Output
Ready

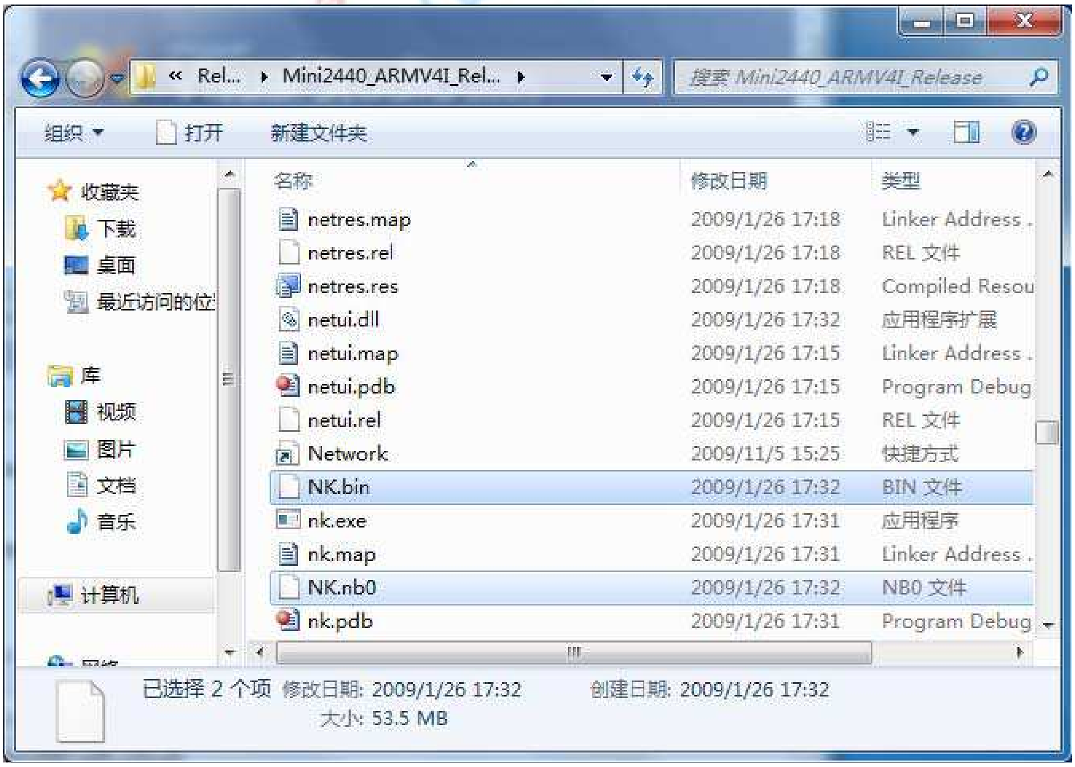
Step 5: Click "Build > Advanced Build Commands > Clean Sysgen" to compile the kernel, as shown, this process is longer, please waiting.



Step 6: Compilation completed, the results shown at this time would be to build the kernel image file NK.bin and NK.nb0, the path is as follows: C:\WINCE600\OSDesigns\Mini2440-with-QQ\Mini2440-with-QQ\RelDir\Mini2440_ARMV4I_Release.



```
 卷的序列号是 A89F-95D1

 C:\WINCE600\OSDesigns\Mini2440-with-QQ\Mini2440-with-QQ\RelDir\Mini2440_ARMV4I_Release 的目录

2009/01/26  17:32        24,739,219 NK.bin
               1 个文件     24,739,219 字节
               0 个目录 78,387,290,112 可用字节

BLDDEMO: Mini2440-with-QQ build complete.

Mini2440-with-QQ - 0 error(s), 66 warning(s)
========== Build: 1 succeeded or up-to-date, 0 failed, 0 skipped ==========
```



名称	修改日期	类型
netres.map	2009/1/26 17:18	Linker Address ...
netres.rel	2009/1/26 17:18	REL 文件
netres.res	2009/1/26 17:18	Compiled Resou
netui.dll	2009/1/26 17:32	应用程序扩展
netui.map	2009/1/26 17:15	Linker Address ...
netui.pdb	2009/1/26 17:15	Program Debug
netui.rel	2009/1/26 17:15	REL 文件
Network	2009/11/5 15:25	快捷方式
NK.bin	2009/1/26 17:32	BIN 文件
nk.exe	2009/1/26 17:31	应用程序
nk.map	2009/1/26 17:31	Linker Address ...
NK.nb0	2009/1/26 17:32	NB0 文件
nk.pdb	2009/1/26 17:31	Program Debug

已选择 2 个项 修改日期: 2009/1/26 17:32 创建日期: 2009/1/26 17:32
大小: 53.5 MB

9.2.4 Compiling and burning Nboot Bootloader

Note: We provide Nboot can also apply to Windows CE 5/6, so the CD all the Nboot project source code is the same, but for the convenience of the organization to use, specifically increased the copy, and were placed in a different directory.

Compile Nboot integrated development environment to use ADS, the detailed steps, see chapter 4 of this manual, the Windows 7 system, you can install Windows XP mode to create a Windows XP environment.

Nboot is a very simple bootloader, its size less than 4K, usually programmed into the Block 0 position of NAND Flash to start the WinCE kernel, Nboot reason to Samsung, we have done a lot of improvements, currently has the following features:

- Adaptive support 64M/128M/256M/1G for mini2440/micro2440
- Support rapid start-up screen display
- Support dynamic load WinCE kernel progress bar
- Start WinCE only 5-10 seconds, depending on the size of the kernel

Note: Nboot do not have the programming capabilities, it can only read the programming process has been well documented: the boot screen (Boot Logo) and WinCE kernel.

Nboot has convenient customization, you can modify the splash screen header file defines the display position, background, and the progress bar color, position, length, and width, these definitions are located in “option.h” file, as follows:

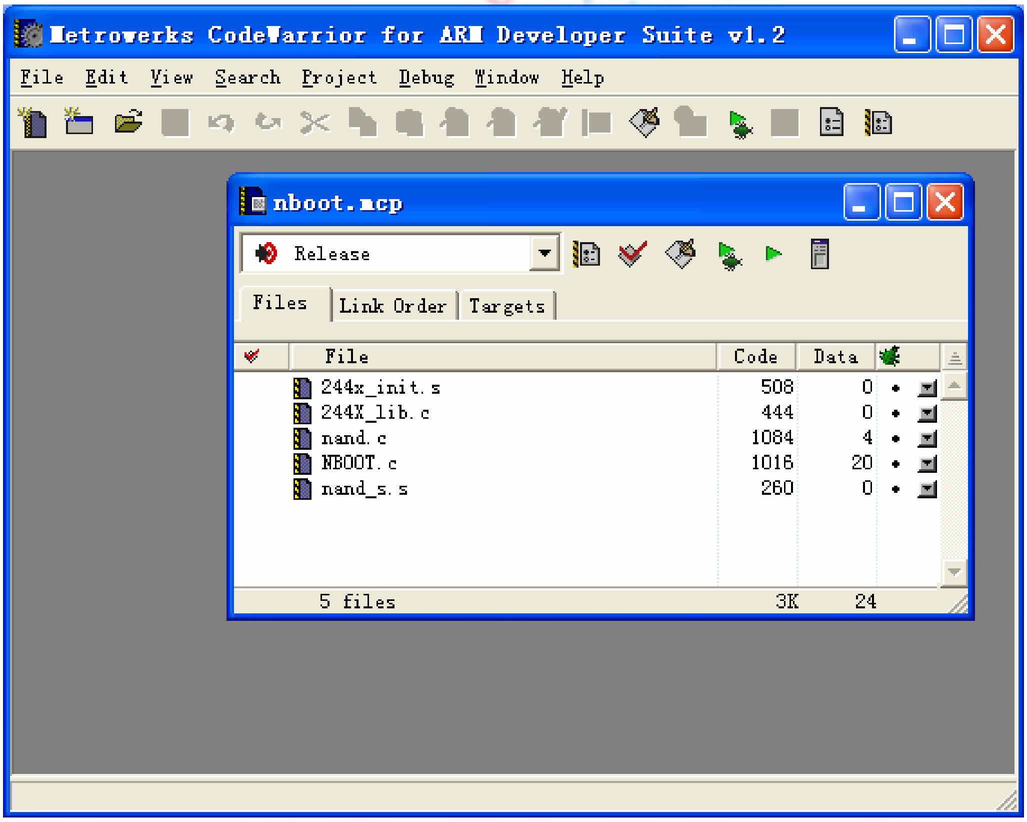
```
// By changing the definition, select the appropriate LCD models,
where the default choice W35, said Wang Ping W35 (LQ035Q1DG06)
//#define LCD_N35
//#define LCD_L80
//#define LCD_T35
//#define LCD_X35
#define LCD_W35
//#define LCD_A70
//#define LCD_VGA1024768
// Set the background color
#define BACKGROUND_R 0x00
#define BACKGROUND_G 0x00
#define BACKGROUND_B 0x00

// Set progress bar colors
```

```
#define PROGRESS_BAR_R 0xFF
#define PROGRESS_BAR_G 0xFF
#define PROGRESS_BAR_B 0x00

// Set the location of the boot image
#define LOGO_POS_TOP 0
#define LOGO_POS_LEFT 0

// Set start position and length and width of the
#define PROGRESS_BAR_TOP 260
#define PROGRESS_BAR_LEFT 20
#define PROGRESS_BAR_WIDTH 200
#define PROGRESS_BAR_HEIGHT 12
```

Here Nboot compilation methods and steps:

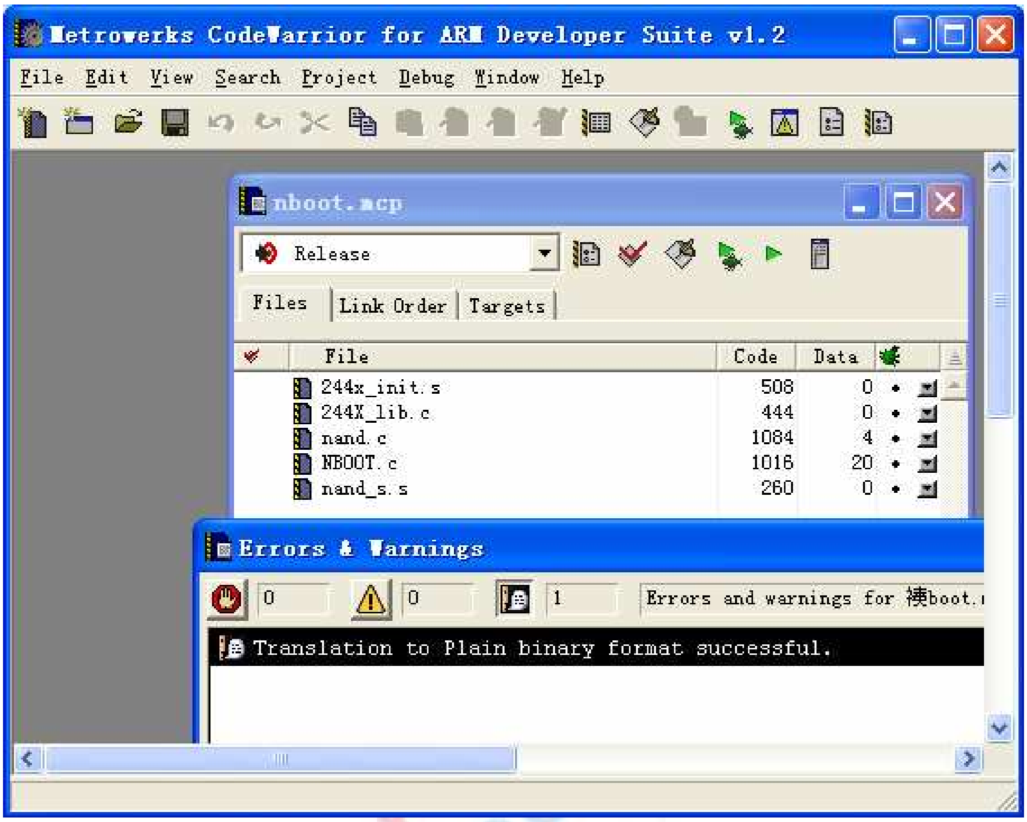
Compile Nboot

The CD "WindowsCE6.0" directory folder "NBOOT" folder into hard disk of a directory (in this case D:\work), remove the read-only attribute, running ADS1.2 integrated development environment, click “File > Open ...” to open nboot.mcp file, as shown.


Metrowerks CodeWarrior for ARM Developer Suite v1.2
File Edit View Search Project Debug Window Help
nboot.mcp
Release
Files
Link Order
Targets

File	Code	Data
244x_init.s	508	0
244X_lib.c	444	0
nand.c	1084	4
NBOOT.c	1016	20
nand_s.s	260	0
5 files	3K	24

At this click the menu “Project > Make” or press the F7 key to start compiling nboot project, compile completed as shown:

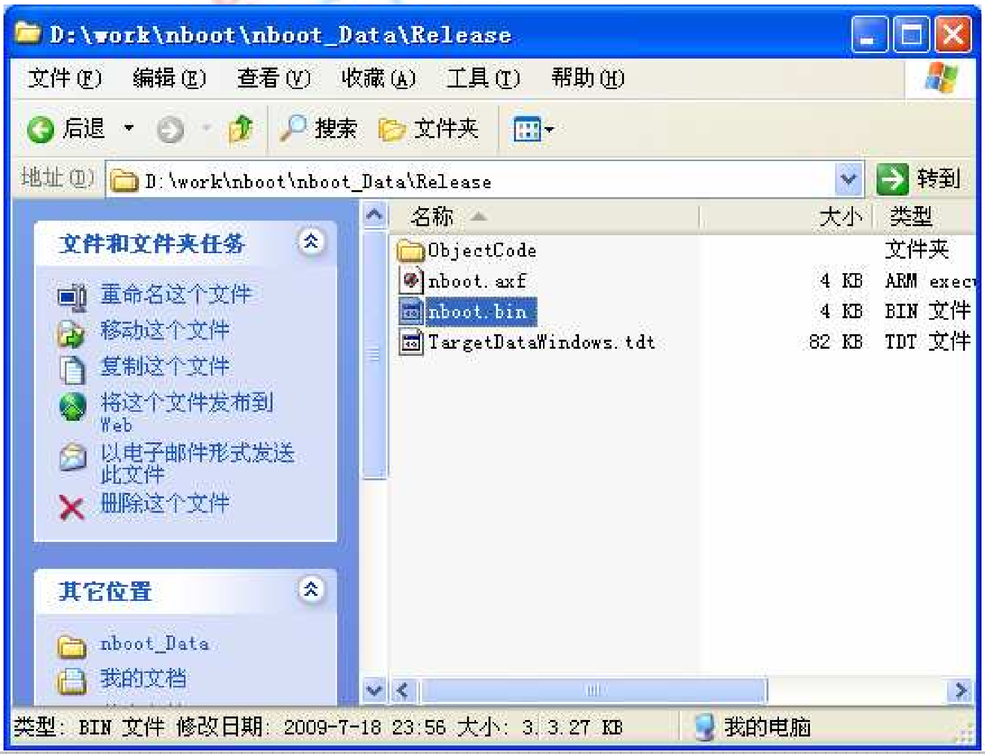

Metrowerks CodeWarrior for ARM Developer Suite v1.2
File Edit View Search Project Debug Window Help
nboot.mcp
Release
Files
Link Order
Targets
Errors & Warnings

	File	Code	Data
	244x_init.s	508	0
	244X_lib.c	444	0
	nand.c	1084	4
	NBOOT.c	1016	20
	nand_s.s	260	0

0 0 1 Errors and warnings for 椃boot.

Translation to Plain binary format successful.

In D:\work\NBOOT\nboot_Data\DebugRel directory will generate nboot.bin executable file, as shown.



地址(D) D:\work\nboot\nboot_Data\Release

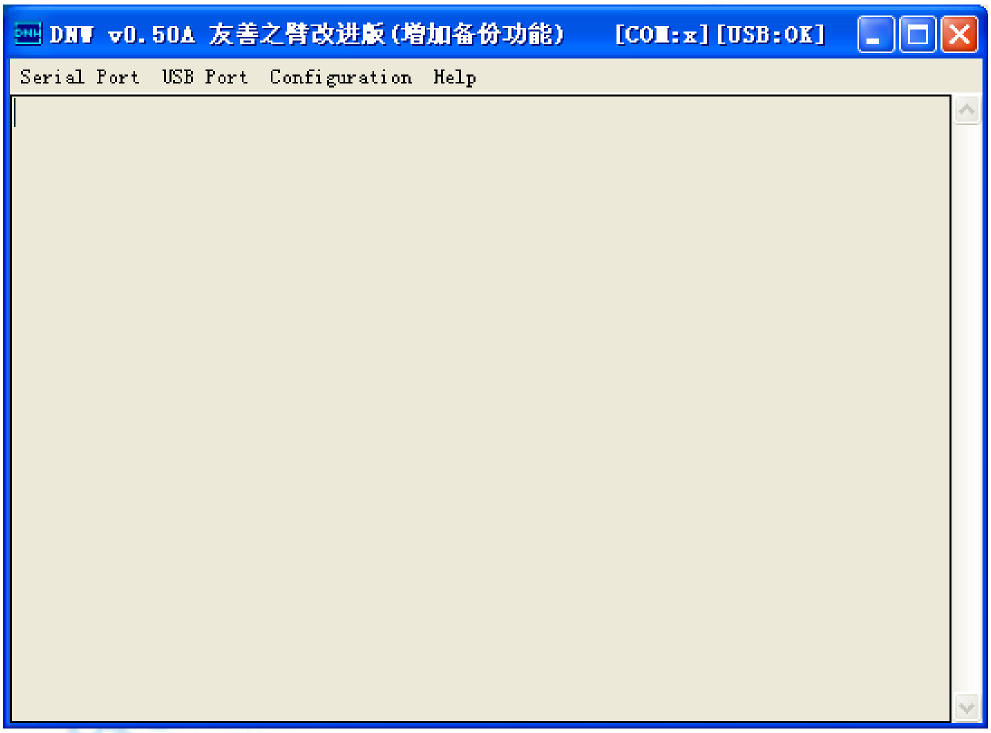
名称	大小	类型
ObjectCode		文件夹
nboot.axf	4 KB	ARM exec
nboot.bin	4 KB	BIN 文件
TargetDataWindows.tdt	82 KB	TDT 文件

类型: BIN 文件 修改日期: 2009-7-18 23:56 大小: 3. 3.27 KB 我的电脑

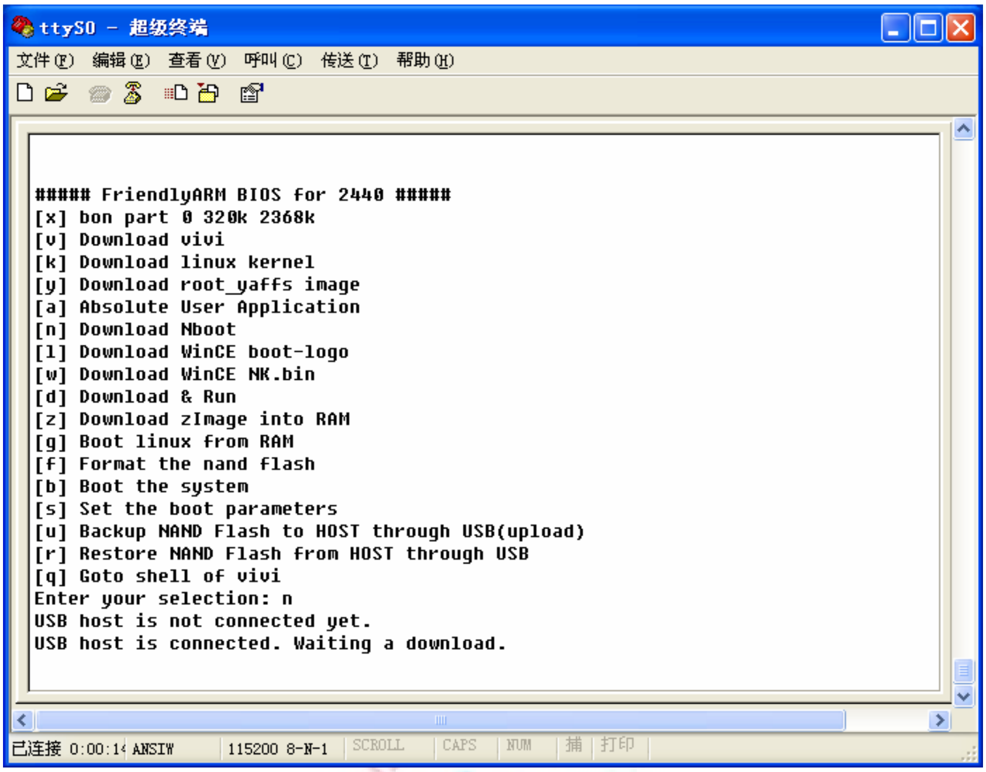
The NBOOT programmed into the development board NAND Flash

(1) Connect the development board power supply, serial cable, USB cable, and set the toggle switch S2 to start the system in NOR Flash, respectively, to open the serial port and HyperTerminal DNW, power on the development board.

(2) USB driver has been installed (previously described in detail the USB driver installation method), then you can see DNW's title bar displays [USB: OK], if not installed drivers will display [USB: x] , as shown:



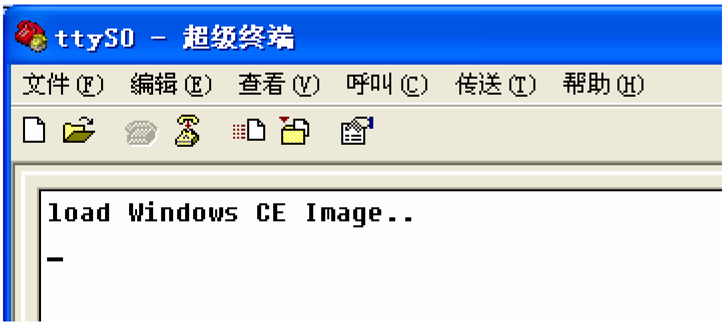
(3) When the BIOS functions in the HyperTerminal menu, select the function [n], USB download wait message appears:



ttyS0 - 超级终端
文件(F) 编辑(E) 查看(V) 呼叫(C) 传送(T) 帮助(H)
已连接 0:00:14 ANSIW 115200 8-N-1 SCROLL CAPS NUM 捕 打印

```
##### FriendlyARM BIOS for 2440 #####
[x] bon part 0 320k 2368k
[v] Download vivi
[k] Download linux kernel
[y] Download root_yaffs image
[a] Absolute User Application
[n] Download Nboot
[l] Download WinCE boot-logo
[w] Download WinCE NK.bin
[d] Download & Run
[z] Download zImage into RAM
[g] Boot linux from RAM
[f] Format the nand flash
[b] Boot the system
[s] Set the boot parameters
[u] Backup NAND Flash to HOST through USB(upload)
[r] Restore NAND Flash from HOST through USB
[q] Goto shell of vivi
Enter your selection: n
USB host is not connected yet.
USB host is connected. Waiting a download.
```

(4) Click DNW program "USB Port > Transmit", as shown in figure choose just compile out of the image file (CD-ROM "images\wince6.0" directory has been compile executable file), This will start the download, and instantly you can download is complete, supervivi it will automatically be programmed into the NAND Flash in the starting block 0; the S2 switch to NAND side, select start from the NAND Flash system; if the system has been good programming WinCE kernel boot image files and image files, it will immediately boot screen and progress bar, wait a moment to see the wince started. Use NBOOT start WinCE serial information is as follows:



```
load Windows CE Image..
_
```

9.2.5 Modifying the BSP LCD type and serial output

Note: We provide the BSP currently supports the following models of LCD screen:

- Horizontal 3.5-inch LCD screen with touch (LQ035Q1DG06 or compatible, referred to as W35)
- NEC3.5-inch screen with touch
- TPO 3.5-inch LCD with touch
- Sharp 8-inch LCD (or compatible) with touch
- Innolux 7-inch screen with touch
- VGA display output module, resolution of 1024x768

By modifying the mini2440\Src\Inc\options.h header file LCD_TYPE definition, you can select the appropriate type of LCD:

```
      //# define LCD_N35 for NEC3.5 "LCD
      // # define LCD_L80 for Sharp 8 "LCD (or compatible)
      // # define LCD_T35 for TPO 3.5 "LCD
      // # define LCD_X35 for Sony 3.5 "LCD (LQ035Q1DG06 or
compatible, referred to as W35)
      #define LCD_W35 for horizontal screen 3.5 "LCD
      // # define LCD_A70 group record for 7 "LCD
      // # define LCD_VGA1024768 for LCD2VGA module with a
resolution of 1024x768
```

Tip: The default LCD model CD-ROM is LCD_T35.

In options.h file, the user can modify the serial output functions: as ordinary serial port functionality or debugging output (only serial port 1 and 2), defined as follows:

```
      #define KITL_NONE
      //#define KITL_SERIAL_UART0
      //#define KITL_SERIAL_UART1
      //#define KITL_USBSERIAL
      //#define KITL_ETHERNET
```

The default is defined here as ordinary serial port functions, serial port 1 if you want to use as a debugging information output, should be defined as:

```
      //#define KITL_NONE
      #define KITL_SERIAL_UART0
      //#define KITL_SERIAL_UART1
      //#define KITL_USBSERIAL
      //#define KITL_ETHERNET
```

9.2.6 Create and Modify the Windows CE boot logo

In the previous chapter, we mentioned:

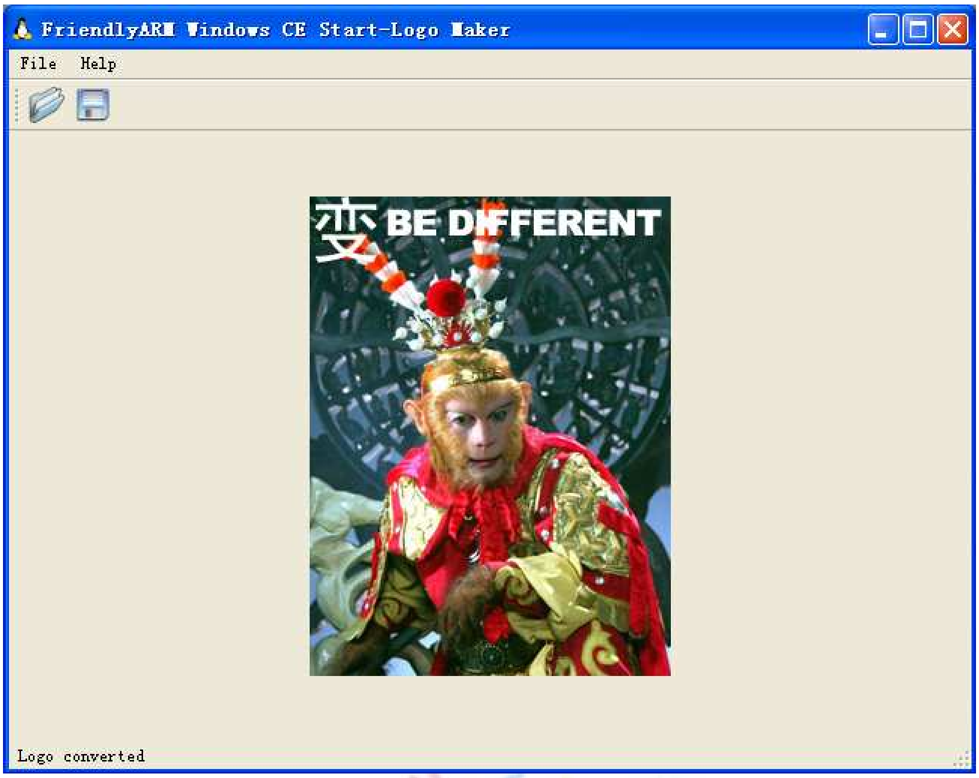
Windows CE system's boot process, there are two logo: BootLogo and StartLogo. One BootLogo shown by Nboot loaded, the user can modify the Nboot source code to adjust BootLogo display location and background color; StartLogo belongs to a part of BSP, which is an array file (StartLogo.c), located in the "mini2440\Src\Kernel\Oal "directory from the directory init.c file to achieve load display, StartLogo.c file by this CD StartLogoMaker.exe tool production.

StartLogoMaker FriendlyARM developed by the Linux Logo Maker LogoMaker (running on Fedora 9) transplant, this is a "green software", it does not require installation, directly copied to the Windows XP/Vista platform to run, use it to bmp, jpg, and png format images converted to an array of needed mini2440 BSP file StartLogo.c, using the new file to replace the BSP generated files the same name, you can replace the Windows CE start screen, StartLogo.c the head of the array as follows:

```
     // Automatic generated by StartLogo.exe from FriendlyARM Co.,
Ltd.
     static const unsigned short StartLogoData[] = {
     240, 320,
     0x965, 0x945, 0x164, 0x9C4, 0x1246, 0x22CA, 0x22A8, 0x2AA7,
```

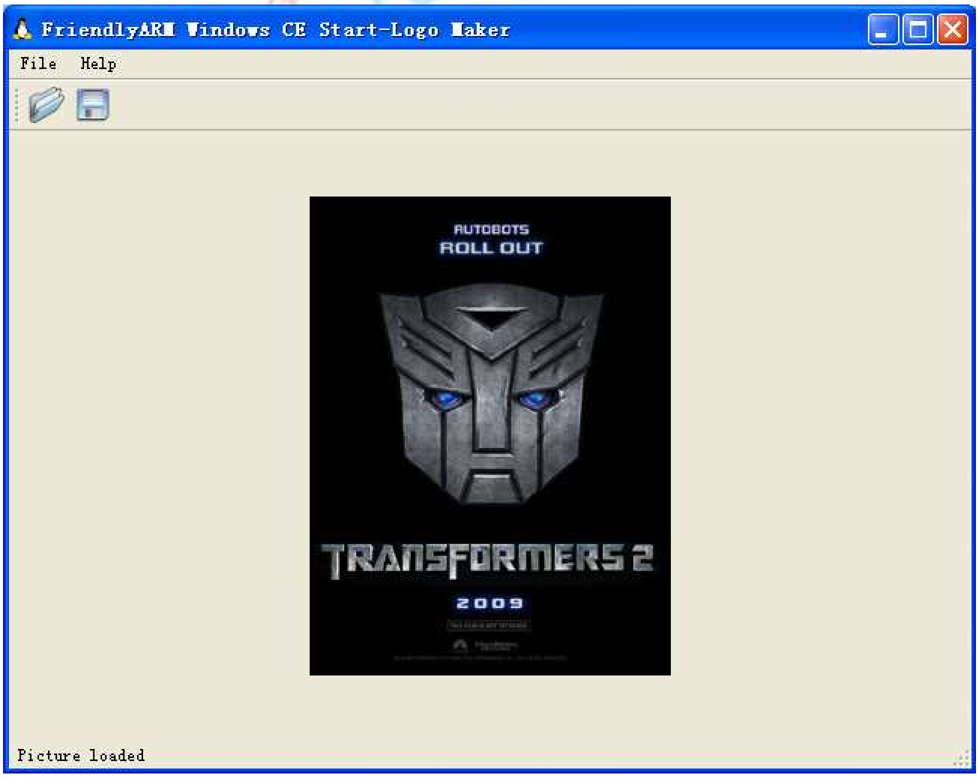
Here is StartLogoMaker.exe production StartLogo.c steps:

Step 1: Double click the "windows platform tools\StartLogoMaker" in StartLogoMaker.exe program, open the as shown in figure interface:



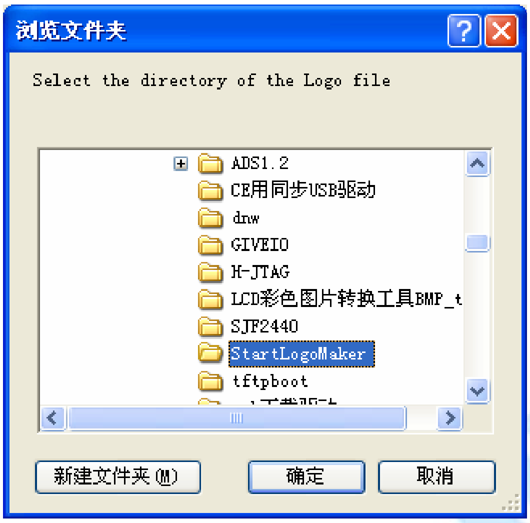
Logo converted

Step 2: Click File > Open to open a picture file, you can also click icon in the toolbar to open the file selection window:



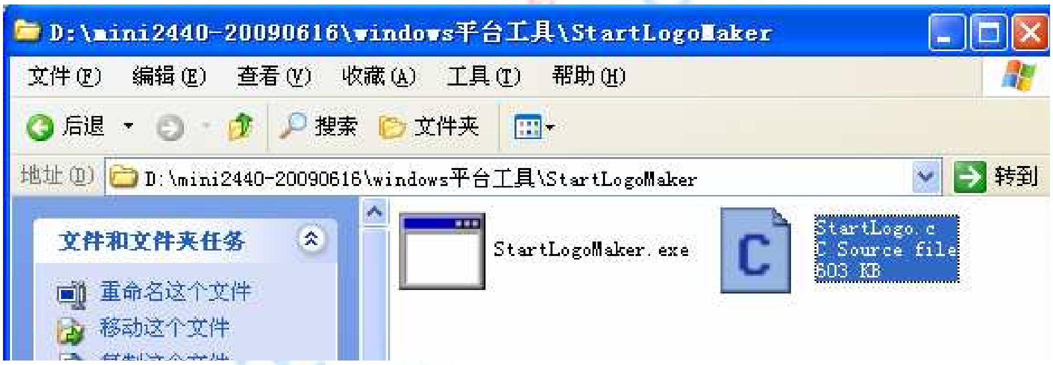
Picture loaded

Step 3: Click “File > Convert”, or click the toolbar icon. Open the file output options window:



Select the directory of the Logo file

Step 4: Click "OK" in the appropriate directory will generate StartLogo.c file:

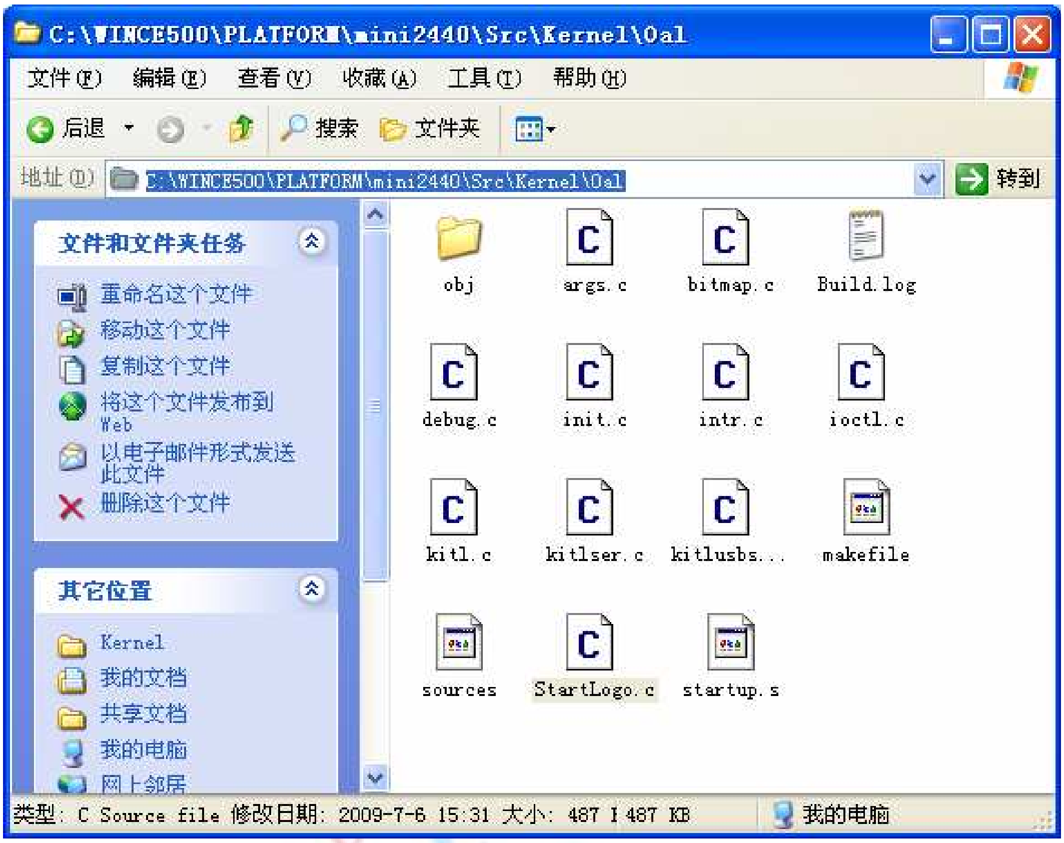


D:\mini2440-20090616\windows平台工具\StartLogoMaker

StartLogoMaker.exe

StartLogo.c
C Source file
603 KB

Step 5: Replace the generated files the same name in the BSP file (located in the mini2440-BSP\Src\Kernel\Oal directory), recompile the kernel, and programmed to run the board, you can see yourself making of WinCE startup screen:

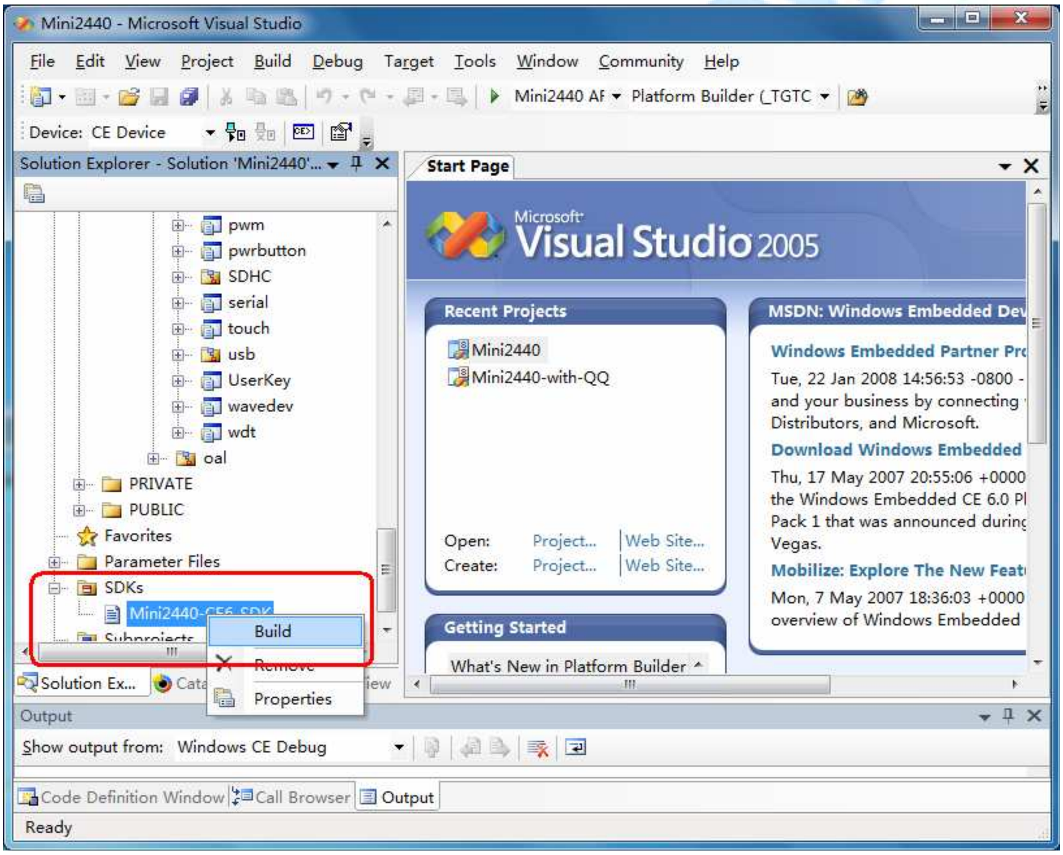


9.2.7 Creating SDK

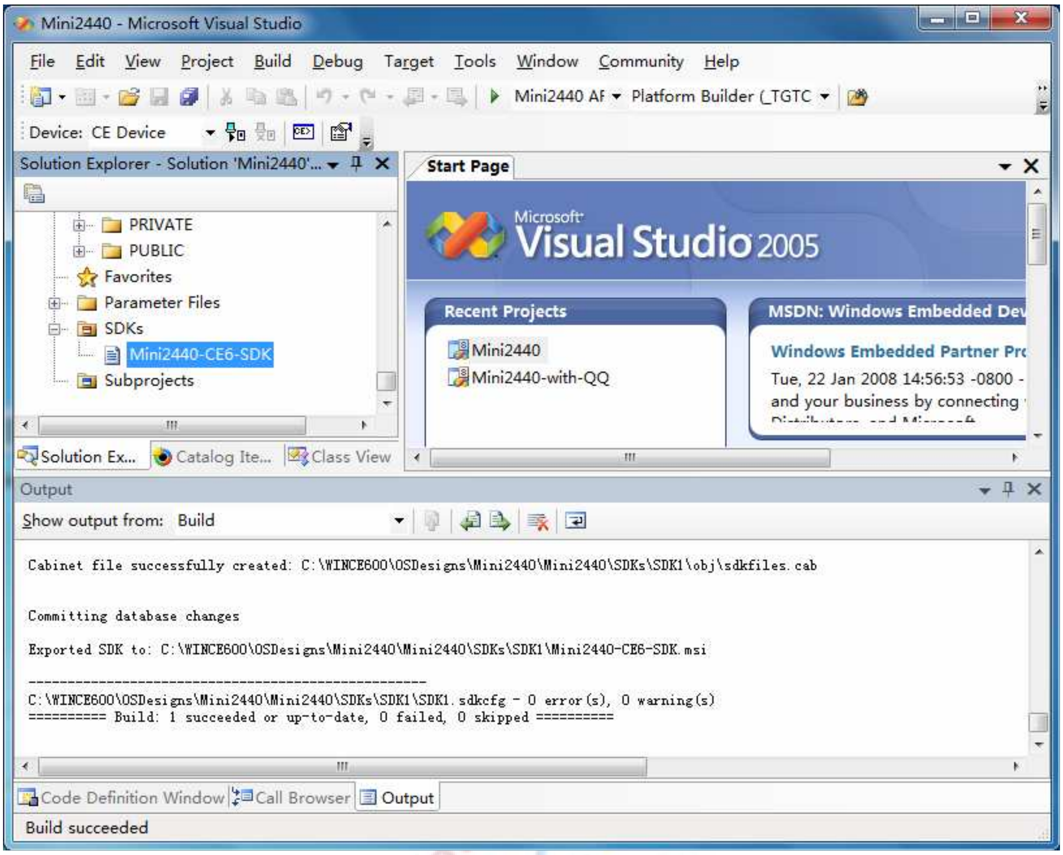
SDK for development only when installed VS2005 on the host, but did not install the Windows CE 6.0 Platform Builder plug-in, when developers want to develop mini2440 VS2005 application, you need an SDK, which is similar to Embedded Visual C++, required the SDK.

When you compiled the default kernel, this step created by VS2005 platform corresponding SDK, Note: This only applies to VS2005 SDK development environment, it can't install EVC, can't install VS2008, the following are the detailed steps to create SDK.

Step 1: Run VS2005 and open the default kernel has been compiled sample project mini2440, find the location as shown in figure, and right-click "Mini2440-CE6-SDK" menu appears, and click to start creating SDK Build.



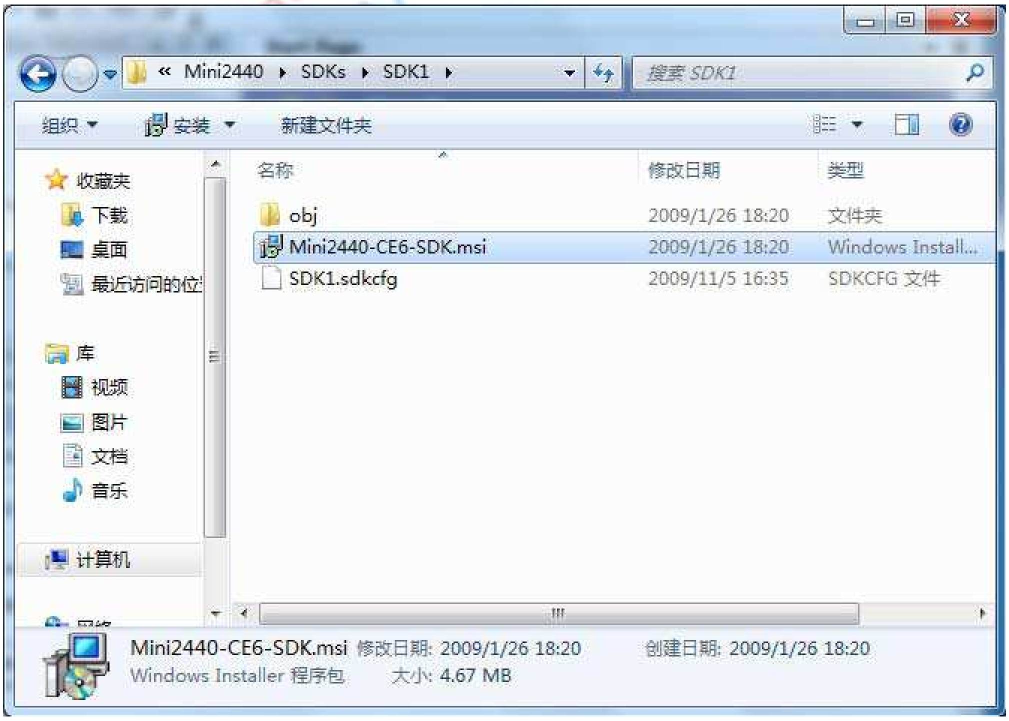
Step 2: Wait a moment, SDK has been created, shown in the figure.


Mini2440 - Microsoft Visual Studio
File Edit View Project Build Debug Target Tools Window Community Help
Mini2440 AF
Platform Builder (_TGTC
Device: CE Device
Solution Explorer - Solution 'Mini2440'...
PRIVATE
PUBLIC
Favorites
Parameter Files
SDKs
Mini2440-CE6-SDK
Subprojects
Solution Ex...
Catalog Ite...
Class View
Start Page
Microsoft Visual Studio 2005
Recent Projects
Mini2440
Mini2440-with-QQ
MSDN: Windows Embedded Dev
Windows Embedded Partner Pro
Tue, 22 Jan 2008 14:56:53 -0800 -
and your business by connecting
Output
Show output from: Build
Code Definition Window
Call Browser
Output

```
Cabinet file successfully created: C:\WINCE600\OSDesigns\Mini2440\Mini2440\SDKs\SDK1\obj\sdkfiles.cab

Commiting database changes

Exported SDK to: C:\WINCE600\OSDesigns\Mini2440\Mini2440\SDKs\SDK1\Mini2440-CE6-SDK.msi

------------------------------------------------------
C:\WINCE600\OSDesigns\Mini2440\Mini2440\SDKs\SDK1\SDK1.sdkcfg - 0 error(s), 0 warning(s)
========== Build: 1 succeeded or up-to-date, 0 failed, 0 skipped ==========
```

Build succeeded

Step 3: In the C:\WINCE600\OSDesigns\Mini2440\Mini2440\SDKs\SDK1 directory, you can see Mini2440-CE6-SDK.msi installation files has been generated.



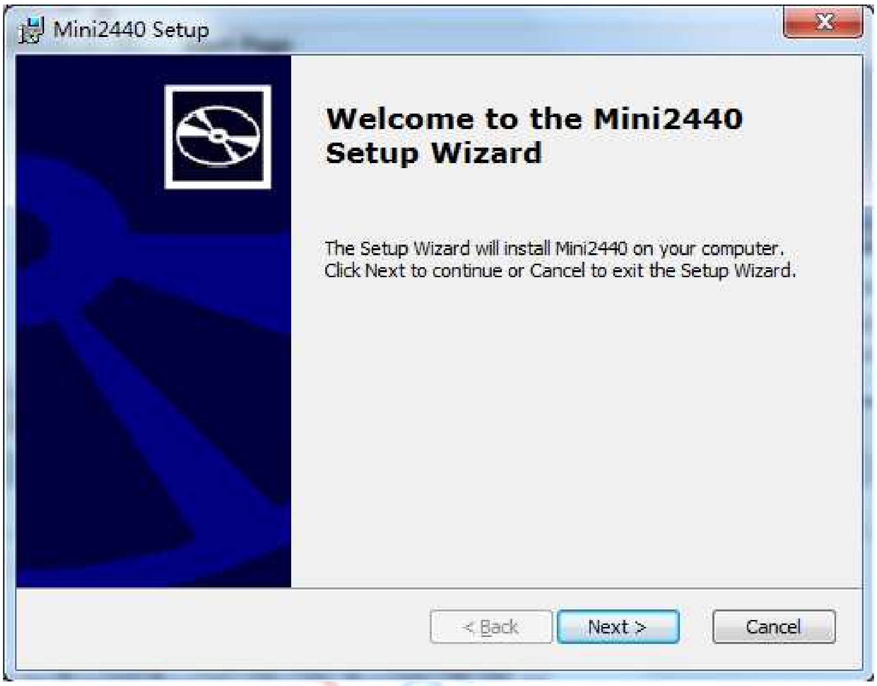
名称	修改日期	类型
obj	2009/1/26 18:20	文件夹
Mini2440-CE6-SDK.msi	2009/1/26 18:20	Windows Install...
SDK1.sdkcfg	2009/11/5 16:35	SDKCFG 文件

Mini2440-CE6-SDK.msi 修改日期: 2009/1/26 18:20 创建日期: 2009/1/26 18:20
Windows Installer 程序包 大小: 4.67 MB

9.2.8 Installing the SDK

Mini2440 through VS2005 to develop applications, you need to install just the production of the SDK, as follows

Step 1: Double click Mini2440-CE6-SDK.msi, there is interface, click "Next" to continue.

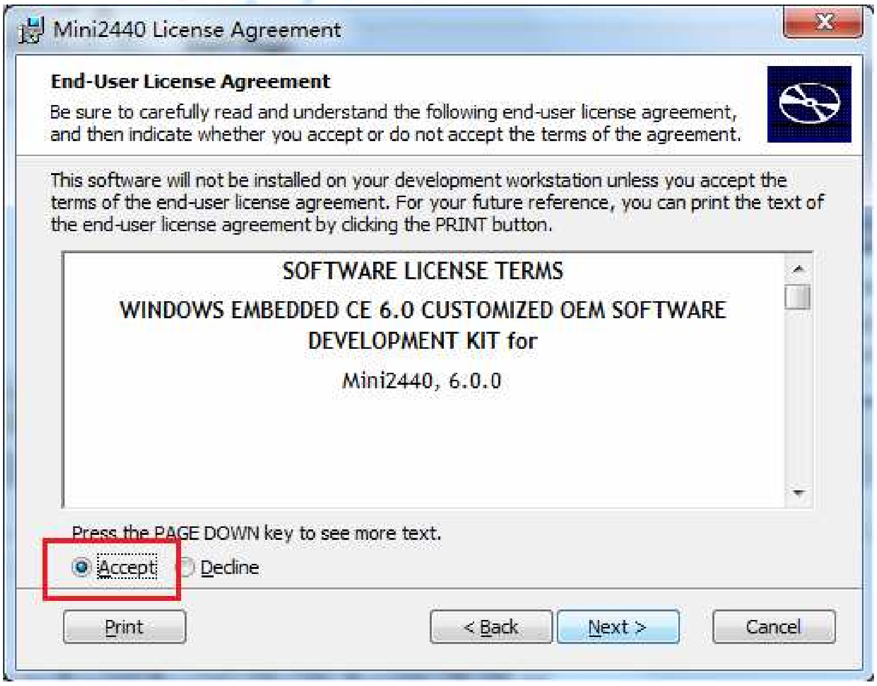


Mini2440 Setup

Welcome to the Mini2440 Setup Wizard

The Setup Wizard will install Mini2440 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.

Step 2: As shown in figure, select "Accept", click "Next" to continue.



Mini2440 License Agreement

End-User License Agreement

Be sure to carefully read and understand the following end-user license agreement, and then indicate whether you accept or do not accept the terms of the agreement.

This software will not be installed on your development workstation unless you accept the terms of the end-user license agreement. For your future reference, you can print the text of the end-user license agreement by clicking the PRINT button.

SOFTWARE LICENSE TERMS

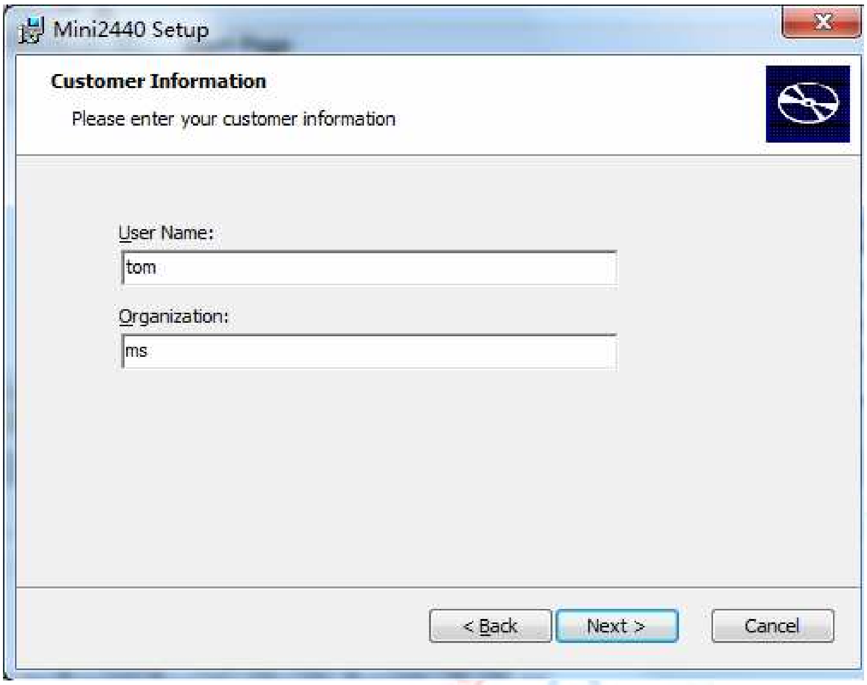
WINDOWS EMBEDDED CE 6.0 CUSTOMIZED OEM SOFTWARE DEVELOPMENT KIT for

Mini2440, 6.0.0

Press the PAGE DOWN key to see more text.

● Accept ○ Decline

Step 3: Appear in figure interface, enter the user name and company name, click "Next" to continue.



Mini2440 Setup

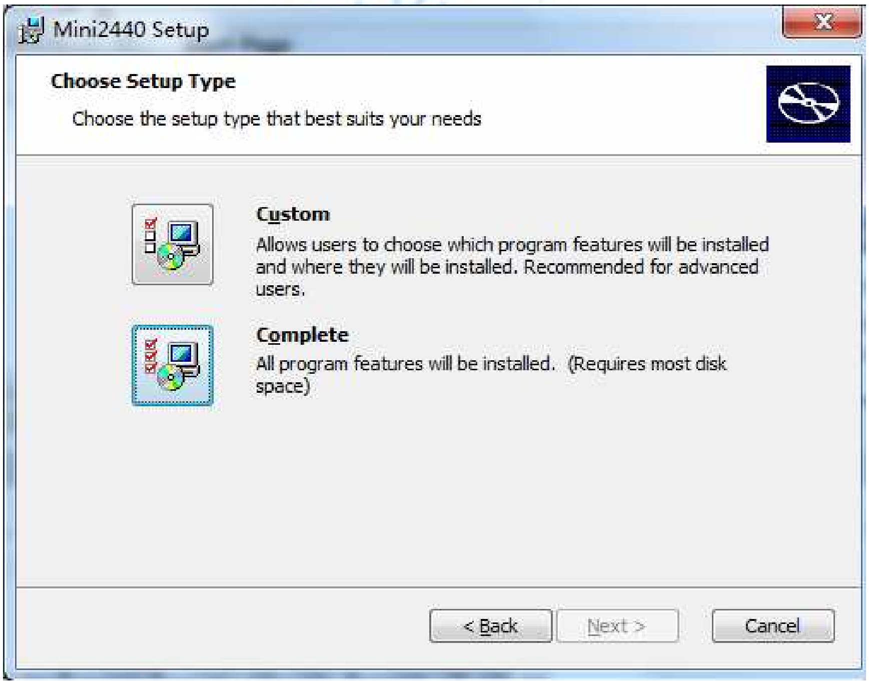
Customer Information

Please enter your customer information

User Name: tom

Organization: ms

Step 4: Appear in figure interface, click "Complete" and “Next” to continue.



Mini2440 Setup

Choose Setup Type

Choose the setup type that best suits your needs

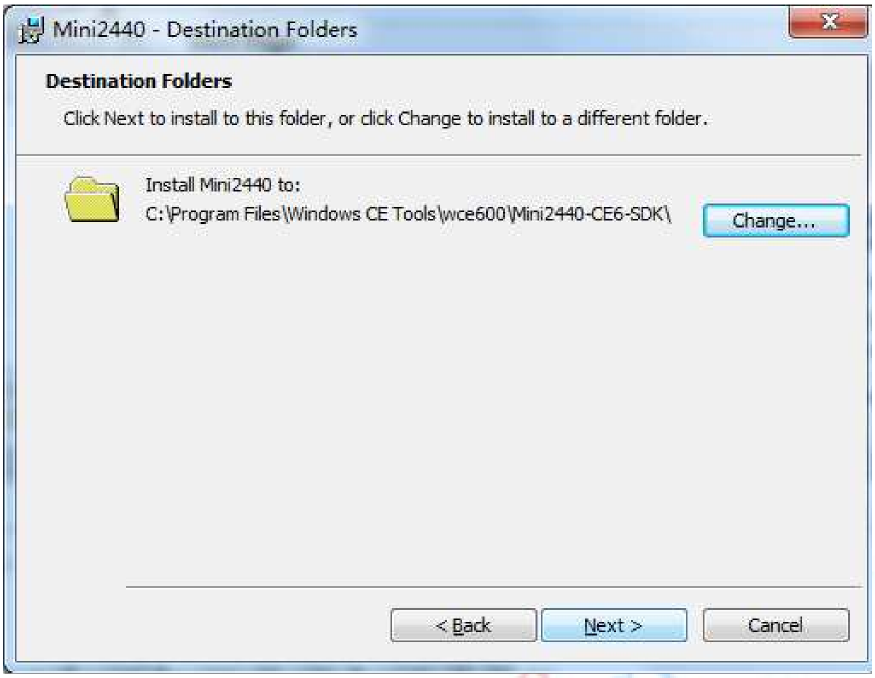
Custom

Allows users to choose which program features will be installed and where they will be installed. Recommended for advanced users.

Complete

All program features will be installed. (Requires most disk space)

Step 5: Appear in figure interfaces, click "Next" to continue.



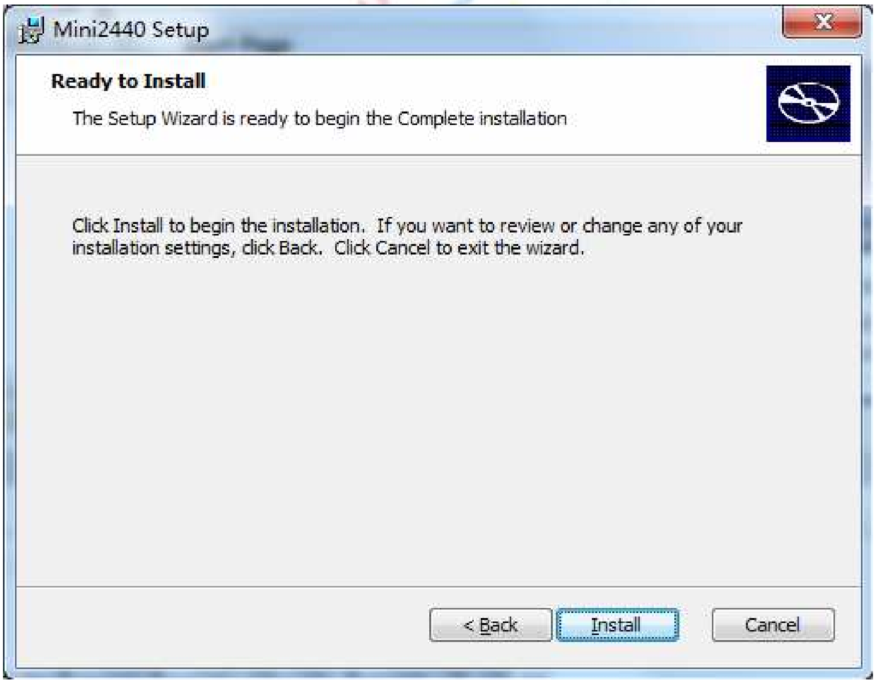
Mini2440 - Destination Folders

Destination Folders

Click Next to install to this folder, or click Change to install to a different folder.

Install Mini2440 to:
C:\Program Files\Windows CE Tools\wce600\Mini2440-CE6-SDK\

Step 6: Appear in figure interfaces, click "Install" to continue.



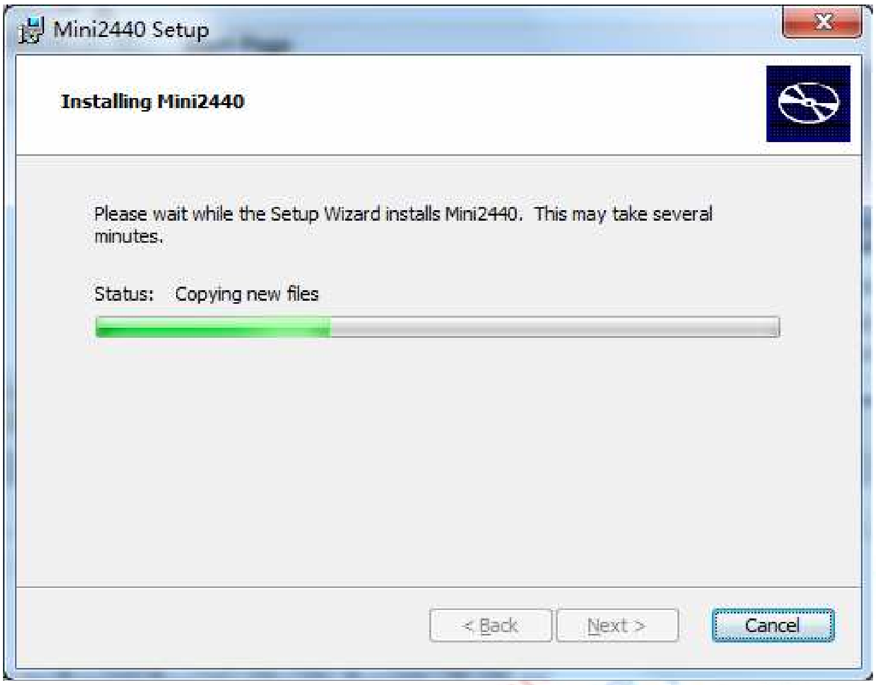
Mini2440 Setup

Ready to Install

The Setup Wizard is ready to begin the Complete installation

Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

Step 7: Installation progress screen appears as shown in figure, wait a moment.

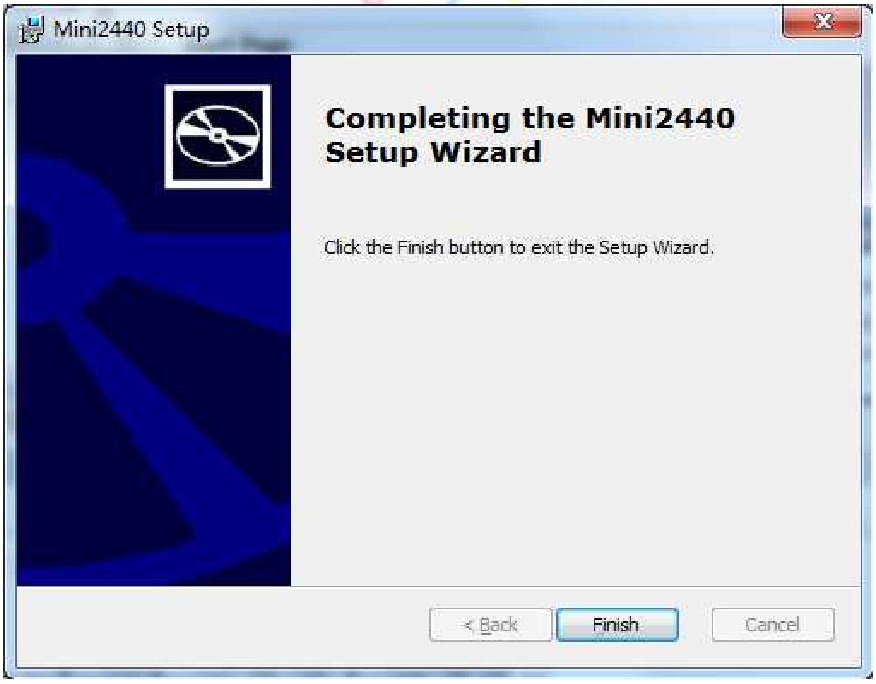


Installing Mini2440

Please wait while the Setup Wizard installs Mini2440. This may take several minutes.

Status: Copying new files

Step 8: At the end of the installation interfaces, click "Finish". SDK has been installed.



Completing the Mini2440 Setup Wizard

Click the Finish button to exit the Setup Wizard.