使用 Keil uVision4 及 檔案燒入至 8951



1. 在桌面上建立新資料夾,如 lab01



3. 新建專案(例如 lab01)->Project->New uVision Project->儲存專案,放入特定資料 夾如 lab01。

l	🔣 H:\Documents and Settings\hu\桌面\t1.uvproj - μVision4												
	<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	<u>P</u> roject	Fl <u>a</u> sh	Debug	Peripheral	s.	<u>T</u> ools	SVCS	<u>W</u> indow	<u>H</u> elp	
X	1	1	. ø	Nev	# <u>μ</u> ∐isi	on Projec	t						
							-						
1	Create New P.	roject		_			U	2 🗡					
L	個行校	D: 0	lab01		1		🚽 🔲 •						
	教務近的文件 教務の方法	•									•		
	彩的市路 新的市路 新路上的芳香	E	_			爱	ī建專	案					
		棕 名 存檔	0D: MASE(C):	lab01 Project Piles (*.ovj	btol)		• 儲存 • 取	9 			_		

4. 選晶片: Atmel->AT89s51。Copy StartUP. A51?, Yes

Select Device for Target 'Targe CPU Vendor: Atmel Device: AT89551	L1 🔀					
Toolset: C51	Use Extended Assembler (AX51) instead of A51					
<u>D</u> ata base	Description:					
A 189L58252 A 189LV51 A 189LV52 A 189LV52 A 189LV52 A 189LV52 A 189S4051 A 189S4051 A 189S4051 A 189S53 A 189S53 A 189S252 A 189S252 A 189S252	Image: State CMDS controller with Three-Level Program Memory Lock, 32/0 Inex; 2 Times/Counter, Enterrupt Sources, Watchdog Timer, 2 DPTRs 4K Flash, 128 Bytes On-chip RAM					
	OK Cansi Left					
μ ¥ision	X					
Copy STARTUP.A51' to Project Folder and Add File to Project?						
	<u>是(V)</u> 否N)					

- 5. 新增一個 c 檔案 : File-> New -> Save as 儲存檔案(存在跟專案同一個資料夾)。 或
- 6. 讀入現有檔案於 Source Group 1:

Source Group 1(右鍵) -> Add Existing Files to Group "Source Group 1"

如於下載檔案中,讀入 led_on_off.c,





7. 設定 -> Target 1(右鍵) -> Options for Target "Target 1"->Target->Xtal(MHz):12。

K Options for Targ	get 'Target 1'					
Device Target C	Output Listing User C51 A51 BL51 Locate BL51 Misc Debug Utilities					
Atmel AT 89551 Memory Model:	Xtal (M +z): 120 Small: variables in D TA					
Code Rom Size: Large: 64K program						
⊂ Off-chip Code me	mory Start: Size: Off-chip Xdata memory Start: Size: Eprom					
Code Banking Start End: Banks: 2 Bank Area: 0x0000 0x0000						
	OK Cancel Defaults Help					

8. 設定-> Target 1(右鍵)->Output->Create HEX File(打勾)。

	🖏 Options for Target 'Target 1'	X
ĺ	Device Target Output Listing User C51 A51 BL51 Locate BL51 Misc Debug Utilities	1
n	Select Folder for Disjects Name of Executable lab01	
	Create Executable: Nab01 Vebug Information Pebug Information Create HEX File HEX Format: HEX-80	
	C Create Library: .Vab01.LIB	
•		
	OK Cancel Defaults Help	

9. Compiler

関用:\Documents and Settings\hu\桌面\lab01.uvproj - μVision4
Eile Edit Yiew Eroject Flask Debug Periphenals Tools SVCS Window Help
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🕸 🕮 🥔 📇 🕎 Tageti 🛛 💌 🌾 🋔 🗟 🗇 🍏
Project State (17)
Build taget files
2 // 程式劇作: 控制LED 3 ////////////////////////////////////
i → include <at89x51.h></at89x51.h>
6 delay(int d)
7 - (8 int 1.1:
9 for (i=0;i <d;i++)< th=""></d;i++)<>
10 for (j=0;j<1000;j++); 11)
14 main()
15 ⊟ (16 while(1)
10 P1 = 0.007 19 P2 = 0.007
20 delay(300); 21 P1 = 0x00;
22 P2 = 0xff;
23 delay(300); 24 P1 = 0xff;
25 P2 = 0x00; 26 delay(300);
27 P1 = 0xff;
28 P2 = 0xff; 29 delav(300);
30 -)
31 - 7
EPo (3 Fu 1 Fu
Build Output
sulla target 'larget 1' assembling STARTUP.A51
compiling led on off.c ensity_large12 Term #1時期計/led:/led on off c(11): werning (290: missing return value
linking
Program Size: data=9.0 xdata=0 code=94 creating hex file from "lab01"
" ab01" - 0 Error(s), 1 Warning(s).

10. 在放專案目錄產生.hex 檔案 (如桌面\lab01\Lab01.hex)。



- 11. 關閉 Keil uVersion4
- 12. 在資料夾 progisp172 內: 雙擊 progisp.exe。 或雙擊



13. 消除 8951 內存檔案: 單擊 Erase 。



14. 下載自編檔案: File->Load Flash。

🗢 PROGISP (Yer 1.72)							
File Command Buffer About							
PROGRAM BUFFER CHECKIO CONFIG Readme							
Select Chip	ogram State Options		≫ File				
🐡 AT89551 🛛 🖌 Pl	RG USB Image Data	3	Load Flash				
ID: 1E: 51:06 RD SN	PowerOn	3.3V Skip Blank Written	Load Eeprom				
Programming	-		Open Project				
- High Changed	1 Down	Data Reload	Save Flash				
Verify Sig	gnature	Verify FLASH	Save Eeprom				
🗹 Chip Eras	se	Verify EEPROM	Save project				
Prewritte	en Fuse 0x0	✓ Program Fuse 0x0	» Command				
🗌 Blank Che	eck	Lock Chip 0XFF					
🔽 Program I	FLASH	Enabled XTAL					
Program I							
🖉 Eras	se	🙀 Auto 🛛 🛄					
-L- Low Flash:0/40	096						
unu zhifengsoft com							
ZF-007 ISP Programmer Ver:1.0 (2014/7/29 上午 11:00:29)							
ZF-007 ISP Programmer Ver:1.0 (2014/7/29 上午 11:00:24)							
ZF-007 ISP Programmer Ver:1.0 (2014/7/29 上午 11:00:23)							
A kind reminder:							
Prease circk readme buccon and get yourself ramiliarized							
State Ready Use Times 00:00:00 Copyright(r) Zhifeng Software,Inc 2009							

15. 專案資料夾找.hex 檔案(如 桌面\lab01\lab01.hex)。

	開啓				? 🔀
A	查詢①:	📄 lab01	*	3 🖻 🖻	
-	1 我最近的文件	ab01.hex			
0	 反 点面				
);					
	して 我的電腦				
	網路上的芳鄰	檔名(N):	lab01.hex	*	開啓(0)
		檔案類型(I):	Intel Hex(*.hex)	*	取消

16. 單擊 Auto。



17. 燒錄完成。