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SIMCom_SIM800H_EAT_RVCT_Installation_User Manual_V1.01



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Version History

Data	Version	Description	Author
2013-11-27	V1.01	Created	Jack Sun

- 1、 Copy folders **RVCT_EAT** and **Flexlm** to system root. *Please contact with SIMCom FAE team to get these files;*
- 2、 Modify the license.dat in Flexlm;
Start->Run->cmd->ipconfig/all, physical Address to check the MAC address;

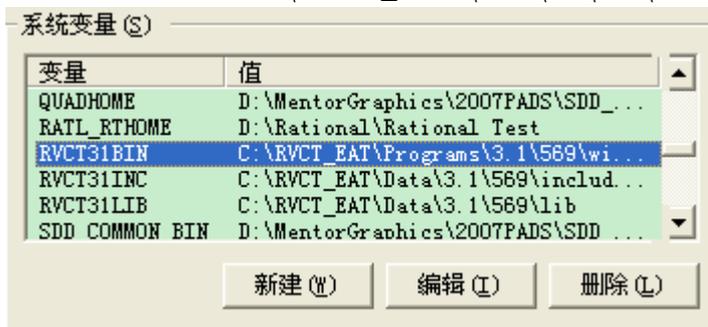
```
Physical Address. . . . . : 60-EB-69-E8-73-B8
Dhcp Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
IP Address. . . . . : 172.21.2.46
Subnet Mask . . . . . : 255.255.0.0
Default Gateway . . . . . : 172.21.254.254
DHCP Server . . . . . : 192.167.100.5
DNS Servers . . . . . : 192.167.100.146
                      192.167.100.147
Lease Obtained. . . . . : 2013年11月27日 15:28:07
Lease Expires . . . . . : 2013年12月4日 15:28:07
```

open the license.dat by Ultra-Edit or Text, find the *HOSTID=00023F0468D4*, there should be **19**, then replace *00023F0468D4* with your MAC address (mine is 60EB69E873B8), save it;

- 3、 Configure the environment variables:

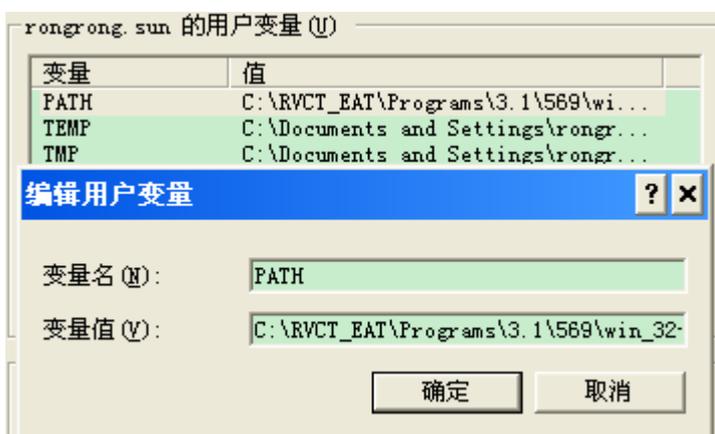
New three variables as follows:

Variables	Value
RVCT31BIN	C:\RVCT_EAT\Programs\3.1\569\win_32-pentium
RVCT31INC	C:\RVCT_EAT\Data\3.1\569\include\windows
RVCT31LIB	C:\RVCT_EAT\Data\3.1\569\lib



add one value in PATH:

Path C:\RVCT_EAT\Programs\3.1\569\win_32-pentium;as follows



after you finish all the above, type armcc in cmd, it will show as follows:

```
Usage:      armcc [options] file1 file2 ... fileN
Main options:

--arm          Generate ARM code
--thumb       Generate Thumb code
--c90         Switch to C mode (default for .c files)
--cpp         Switch to C++ mode (default for .cpp files)
-O0           Minimum optimization
-O1           Restricted optimization for debugging
-O2           High optimization
-O3           Maximum optimization
-Ospace       Optimize for codesize
-Otime        Optimize for maximum performance
--cpu <cpu>   Select CPU to generate code for (eg. ARM9E/ARM10E)
--cpu list    Output a list of all the selectable CPUs
-o <file>     Name the final output file of the compilation
-c           Compile only, do not link
--asm         Output assembly code as well as object code
-S           Output assembly code instead of object code
--interleave  Interleave source with disassembly (use with --asm or -S)
-E           Preprocess the C source code only
-D<symbol>    Define <symbol> on entry to the compiler
-g           Generate tables for high-level debugging
-I<directory> Include <directory> on the #include search path
Software supplied by: mammoth//ZWTiSO 2005
```

Till now, the compile environment is finished;

4、 Notice

Be noted that, the version of SIM800H's RVCT is **V3.1**; it is not compatible with SIM900's(V2.2) , customer needs to do some changes for SIM900 (Delete Maybe if occur problem, the same as environment variables);

Contact us:

Shanghai SIMCom Wireless Solutions Ltd.

Add: Building A, SIM Technology Building, No.633, Jinzhong Road, Changning District, Shanghai, P. R. China 200335

Tel: +86 21 3235 3300

Fax: +86 21 3235 3301

URL: www.sim.com/wm