# MASM32 Editor 的安装与使用

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### 1 MASM32 Editor 的安装

MASM32 Editor 的安装程序位于开发工具文件夹下的安装程序文件夹下, 其中 install.exe 为 MASM32 Editor 的安装程序, 直接运行安装即可。

## 2 MASM32 Editor 的使用

(1) 打开 MASM32 Editor,编写汇编代码 (安装后得到的 MASM32 文件夹中包含很多例程,这里我使用 \masm32\tools\makecimp\vcrtdemo 目录中 msvcrt 的例程,同学们可任意选取例程尝试),点击保存按钮:

```
File Edit Selection Project Tools Code Conversions Script Window Help

comment *

This example was written by Greg Lyon to demonstrate how to use some of the MSUCRT functions provided in the DLL.

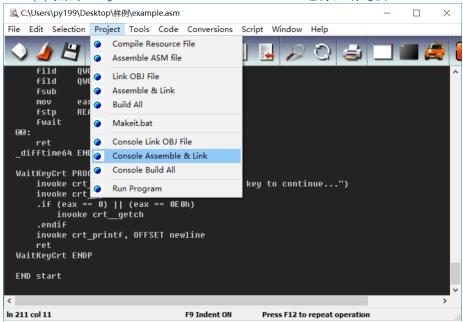
.486

.model flat, stdcall option casemap :none

include \masm32\include\windows.inc include \masm32\include\kernel32.inc includelib \masm32\include\kernel32.inc includelib \masm32\include\kernel32.inb include \masm32\include\kernel32.inc includelib \masm32\include\kernel32.inc includelib \masm32\include\kernel32.inb include\kernel32.inb inclu
```

第一次保存需要输入文件名,注意要指定扩展名.asm,比如: example.asm

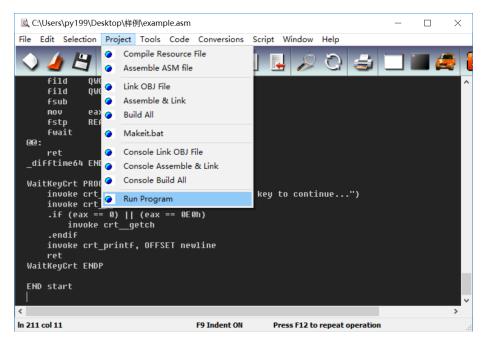
(2) 点击 Project->Console Assemble &Link 进行汇编链接:



如果成功,会生成对应的 obj 文件 (example.obj) 和 exe 文件 (example.exe),如下图所示:



(3) 点击 Project->Run Program 运行生成的可执行文件,也可以直接运行对应的 exe 文件 (example.exe)



#### 样例运行结果如下:

III C:\Users\py199\Desktop\样例\example.exe

```
64-bit Date and Time Functions - C Run-time Library
                                                   13:48:51
OS time:
Time in seconds since UTC 1/1/1970: 18031990699732992
Time and date string: Sun Sep 01 12-49 Coordinated with
                                                  Sun Sep 01 13:48:51 2019
Sun Sep 01 05:48:51 2019
01:48:51 PM
Coordinated universal time:
12-hour time:
Plus milliseconds:
                                                   588
                                                  71582780
中国标准时间
Zone difference in hours from UTC:
Time zone name:
Daylight savings:
                                                  False
Today is:
                                                   Sunday, September 01, 2019
Christmas this year:
Days until Christmas:
                                                   Wednesday, December 25, 2019
Press any key to continue...
```