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1      ;代码清单16-2
2      ;文件名: c16.asm
3      ;文件说明: 用户程序
4      ;创建日期: 2012-05-25 13:53
5
6      program_length    dd program_end          ;程序总长度#0x00
7      entry_point       dd start                ;程序入口点#0x04
8      salt_position     dd salt_begin           ;SALT表起始偏移量#0x08
9      salt_items        dd (salt_end-salt_begin)/256 ;SALT条目数#0x0C
10
11 ;-----
12
13      ;符号地址检索表
14      salt_begin:
15
16      PrintString       db '@PrintString'
17                        times 256-($-PrintString) db 0
18
19      TerminateProgram db '@TerminateProgram'
20                        times 256-($-TerminateProgram) db 0
21 ;-----
22
23      reserved times 256*500 db 0                ;保留一个空白区, 以演示分页
24
25 ;-----
26      ReadDiskData      db '@ReadDiskData'
27                        times 256-($-ReadDiskData) db 0
28
29      PrintDwordAsHex   db '@PrintDwordAsHexString'
30                        times 256-($-PrintDwordAsHex) db 0
31
32      salt_end:
33
34      message_0          db 0x0d,0x0a,
35                        db ' .....User task is running with '
36                        db 'paging enabled!.....',0x0d,0x0a,0
37
38      space              db 0x20,0x20,0
39
40 ;-----
41      [bits 32]
42 ;-----
43
44 start:
45
46      mov ebx,message_0
47      call far [PrintString]
48
49      xor esi,esi
50      mov ecx,88
51 .b1:
52      mov ebx,space
53      call far [PrintString]

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54
55     mov edx,[esi*4]
56     call far [PrintDwordAsHex]
57
58     inc esi
59     loop .b1
60
61     call far [TerminateProgram]           ;退出，并将控制权返回到核心
62
63 ;-----
64 program_end:
```