

```
sub_4016D8 proc near  
var_18= dword ptr -18h  
  
push    ebx  
push    esi  
push    edi  
push    ebp  
add     esp, 0FFFFFFF8h  
mov     esi, edx  
mov     edi, eax  
mov     ebp, offset unk_40C44C  
add     edi, 3FFFh  
and     edi, 0FFFC000h
```

```
loc_4016F4:  
mov     ebx, [ebp+0]  
jmp     short loc_40172C
```

```
loc_40172C:  
cmp     ebx, ebp  
jnz     short loc_4016F9
```

```
loc_4016F9:  
cmp     edi, [ebx+0Ch]  
jg      short loc_40172A
```

```
mov     edx, esi  
mov     eax, edi  
call    sub_401430  
cmp     dword ptr [esi], 0  
jz      short loc_40175F
```

```
loc_40172A:  
mov     ebx, [ebx]
```

```
mov     ecx, esi  
mov     edx, edi  
mov     eax, [ebx+8]  
call    sub_4015C4  
cmp     dword ptr [esi], 0  
jz      short loc_40175F
```

```
mov     ecx, esp  
mov     edx, esi  
mov     eax, ebp  
call    sub_40132C  
cmp     [esp+18h+var_18], 0  
jnz    short loc_4016F4
```

```
mov     eax, [esi+4]  
add     [ebx+8], eax  
mov     eax, [esi+4]  
sub     [ebx+0Ch], eax  
cmp     dword ptr [ebx+0Ch], 0  
jnz    short loc_40175F
```

```
mov     eax, ebx  
call    sub_401314  
jmp     short loc_40175F
```

```
mov     ecx, esp  
mov     edx, [esi+4]  
mov     eax, [esi]  
call    sub_40150C  
xor     eax, eax  
mov     [esi], eax
```

```
loc_40175F:  
pop    ecx  
pop    edx  
pop    ebp  
pop    edi  
pop    esi  
pop    ebx  
ret  
sub_4016D8 endp
```