

# SVC\_ERROREXIT

Terminate MVM with an error message. This call displays a message and then terminates the current MVM session.

## Parameters

Register	Description
Stack (top)	Far pointer (segment:offset) to an ASCIIZ message string. The message is displayed by the host system before termination.

## Return Value

This function does not return; it terminates the MVM.

## Description

**SVC\_ERROREXIT** provides a way to terminate the MVM (Multiple Virtual DOS Machine) with a user-supplied error message. It is specific to the OS/2 MVDM environment and has no direct equivalent in DOS INT 21h (the closest is AH=4Ch, which terminates without a message).

Before invoking the call, the far pointer (segment and offset) of a null-terminated ASCII string must be pushed onto the stack. The host system (OS/2) will display the message and then terminate the virtual machine.

## Interface

```
/* SVC_ERROREXIT – terminate with error message (far pointer on stack) */
extern void SvcErrorExit(const char far *msg);
#pragma aux SvcErrorExit = \
    "hlt"          \
    "db 1"         \
    "db NOT 1"     \
    parm caller [] [msg] \
    modify [ax bx cx dx];
```

## Example

### MASM

```
include macrolib.inc
```

```

push ds
push offset msg
@SvcErrorExit

msg db "Fatal error",0

```

### C

```

#include <svc.h>

void main(void) {
    SvcErrorExit("Fatal error");
}

```

## Notes

- The message string must be in the ASCIIZ format (zero-terminated).
- After this call, the MVM is terminated and control returns to the host operating system.
- Because the call never returns, no register values are preserved.

## See Also

- [SVC\\_EXIT](#) - terminate without a message.
- [INT 21h AH=4Ch](#) - DOS terminate with return code.

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