Far Call Trick

From OSDev Wiki

I found this little trick to use a far call to jump to a segment held in a dw (tested in NASM, probably works with other assemblers.)

```nasm
        mov ax,0                ; New IP = 0
        mov bx,[new_segment]    ; New CS

        push bx                 ; Push new CS
        push ax                 ; Push new IP

        retf                    ; Sneaky far jump

    ....

    new_segment dw 2000h        ; Replace 2000h with the new CS
```

This is real useful if you have your user choose what segment to load and need it used in the middle of a longer piece of code that you do not want to duplicate for each case!

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