

Copy OS ROM to RAM#

by Russ Gilbert, found in comp.sys.atari.8bit

```
'MOVEOS.M65'  
10      .TITLE      MOVE OS TO RAM  
20      .OPT OBJ  
30      *= $8000  
40 START LDA #0  
50      STA $022F    TURN OFF ANTIC  
60      STA $D40E  
70      STA $D20E    DISABLE INTRPTS  
80      SEI          MAKE SURE NO  
90      LDA #$C0     INTERRUPTS  
0100    STA $C1      SET UP BANK AREA  
0110    LDY #0  
0120    STY $C0  
0130 L3  LDA ($C0),Y GET ROM BYTE  
0140    TAX  
0150    LDA #$FE  
0160    AND $D301    CLR BIT 0 TO  
0170    STA $D301    BANK TO OS RAM  
0180    TXA  
0190    STA ($C0),Y STORE BYTE  
0200    LDA #$01  
0210    ORA $D301  
0220    STA $D301    BACK TO ROM  
0230    INY          GET READY NEXT  
0240    CPY #0  
0250    BNE L3      256 TIMES  
0260 NOK INC $C1  
0270    CLC          DON'T UNDRSTND  
0280    LDA $C1      THIS CNTRL LOOP  
0290    CMP #$D0  
0300    BCC T1      FROM $C0-$FF  
0310    CMP #$D8    SKIP $D0-$D7  
0320    BCC NOK  
0330 T1  CMP #$00  
0340    BNE L3  
0350    CLC  
0360    LDA #$FF  
0370    STA $D40E  
0380    LDA #$F7  
0390    STA $D20E    TURN ON NMI,IRQ  
0400    LDA #$22  
0410    STA $022F  
0420    CLI  
0430    RTS  
0440    .END  
*****
```

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