**Changing the Stack Size**

```c
// Changing the Stack Size
// Demonstration of how to change your stack size

// Assuming inclusion of <MacHeaders>.

/*  Globals    */
long bytes;
OSErr       error;

OSErr addtostack (long nbytes);
OSErr setstack (long nbytes);
OSErr DoError (OSErr error);

// addtostack()
// expands stack based on current stack size

OSErr addtostack(long nbytes)
{

    SetApplLimit(GetApplLimit() - nbytes);
    return(MemError());
}

// setstack()
// sets the stack to the size you want it

OSErr setstack (long nbytes)
{
    SetApplLimit((Ptr) (CurStackBase - nbytes));
    return(MemError());
}


main()
{
    /**** Change this variable to add more space ************/
    bytes = 32000L;

    if ((error=setstack(bytes)) == noErr) {

    // Call MaxApplZone to shove the heap right to the top of
    // where we said it can live.

        MaxApplZone();

    //  Put your application code here

    }

    else
        DoError (error);

}
```