CRABCAKE FOR AXE

Readme

What is Crabcake for Axe?

Crabcake for Axe is an Axe Axiom that allows you to develop Ti-83+/Ti-84+ Axe programs larger than 8 KB. These programs will do nothing to modify your operating system or any other data you might have stored.

Will my Axe program work on a regular 83+?

Yes, if you want.

Will my program be compatible with all Ti-83+ and Ti-84+ calculators?

Yes, again if you want.

What files do I need?

You will need CRABCAKE.8xv on your calculator. It is the Axiom needed for you Axe program.

How do I go about incorporating Crabcake into my Axe program?

1. Your Axe program will have to be compiled for a shell, such as ION, MirageOS or DoorsCS. While DoorsCS and MirageOS are excellent shells, I recommend Ion so that your program can run on **all** shells.
2. As Crabcake is an Axiom, you must include it with #Axiom(CRABCAKE) or AsmComp(CRABCAKE)
3. Your first line of Axe code should be the following: AxesOn
4. At the very end of your Axe program, you will need a label. For example, Lbl AE, although any name for your label is fine.
5. After Lbl AE (or whatever name you choose), type in AxesOff.
6. NEVER, EVER end your program using Return. At any point that your program could end, use Goto AE, or whatever label you chose in step 4. If your program is already at the label, a goto is not necessary.
7. If you want your program to run only on 83+ Silver Edition or 84+ calculators, change AxesOn to AxesOn^r and change AxesOff to AxesOff^r. You will save a lot of space in your program if you do this. If a user tries to run such a program on a normal Ti-83+, the program will exit safely.

Ummm…You lost me.

No problem! Here's an example program:

: .HAPPY

: AsmComp(CRABCAKE) ; OR #Axiom(CRABCAKE)

: AxesOn

: [3C7EDBFFBDDB663C]→Pic1

: ClrDraw

: Pt-On(44,28,Pic1)

: DispGraph

: Lbl AE   ;No goto is necessary, since the program goes to the label

: AxesOff

Sweet! Is there anything I need to watch out for?

Yes indeed:

1. Crabcake is guaranteed to work on regular Ti-83+ calculators if they have OS
   1.16 or higher. Crabcake has not yet been tested on lower-end operating systems.
   When you release a program you should recommend OS 1.16 or higher
2. You may freely use Crabcake for any shell-based Axe game or program, although
   I always welcome credits and/or special thanks.

Special Thanks To:

Calcdude84se
DJ_Omnimaga
Calc84maniac
Iambian
Quigibo
Thepenguin77
BuckeyeDude

Very Special Thanks To:

BrandonW
Runer112