

[7.10] Calling built-in applications from your programs

It would be very useful to be able to call built-in 89/92+ applications from user programs. For example, if your program requires a matrix from the user, your program could call the matrix editor to create the matrix. This same idea applies to the text editor and the numeric solver.

In general, you can't do this. There is a work-around, but calling the built-in application must be the last action of the program, and you cannot return control to the program after the user is done with the application.

The basic idea is to use *setMode()* to set the Split 1 application, like this:

```
setMode("Split 1 App", appname)
```

where *appname* is the name of the application you want to run. Refer to the manual under *setMode()* for the applications that can be used.

For example, to run the numeric solver application, use

```
setMode("Split 1 App", "Numeric Solver")
```

Note that you don't really have to be using the two split windows. This program example sets up an equation and calls the numeric solver:

```
t1()  
Prgm  
DelVar a,b,c  
a+b+c->eqn  
setMode("Split 1 App", "Numeric Solver")  
EndPrgm
```

(Credit declined)