
Changing memory contents

The preceding section showed you how to display the values stored in the Apple IIe's memory; this section shows you how to change those values. You can change any location in RAM—programmable memory—and you can also change the soft switches and output devices by changing the locations assigned to them.

Warning

Use these commands carefully. If you change the zero-page locations used by Applesoft, ProDOS, or DOS, you may lose programs or data stored in memory.

Changing one byte

The previous commands keep track of the next changeable location; these commands make use of it. In the next example, you open location 0, then type a colon (:) followed by a value:

```
*0
0000- 00
*:5F
```

The contents of the next changeable location have just been changed to the value you typed, as you can see by examining that location:

```
*0
0000- 5F
*
```

You can also combine opening and changing into one operation by typing an address followed by a colon and a value. In the example, you type the address again to verify the change:

```
*302:42
*302
0302- 42
*
```

When you change the contents of a location, the value that was contained in that location disappears, never to be seen again. The new value will remain until you replace it with another value.