Apple II
Technical Notes

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Developer Technical Support

Apple IIGS
#10:   InvalRgn Twist

Revised by: Steven   Glass
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Written by: Guillermo Ortiz   April
    1987

`InvalRgn(RgnHandle)`   accumulates   the   region   to   which `RgnHandle` points into the update region of the current window's port; in the process, it makes the region global, thus causing problems if later calls expect the region to still be local.

The region you pass to `InvalRgn` is local to the window to which it is related; however, `InvalRgn` returns the region in global coordinates. To preserve the original region for your use after the call to `InvalRgn`, you should duplicate it and use the copy to make the call then dispose of the copy when `InvalRgn` returns. The following example demonstrates the process:

```
void MyInvalReg(RegHandle)

handle RegHandle;
{
handle AuxHandle;

AuxHandle = NewRgn();              /* create room */
CopyRgn(RegHandle,AuxHandle);      /* make a copy  */
InvalRgn(AuxHandle);               /* do it with the copy */
DisposeRgn(AuxHandle);             /* now get rid of it! */
}
```

Further Reference
- *Apple IIGS Toolbox Reference*, Volume 2