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Macintosh Desk Accessories: Multiple Windows

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A desk accessory can own (and open) multiple windows. The following methods for doing this are taken from information in "Inside Macintosh Volume I" on page I-109. (This article assumes you are familiar with the basics of resources.)

The resource ID of a WIND resource shows ownership. The following ranges are used for this purpose:

Range

-32768 to -16385 reserved

-16384 to -1 used for owned resources

0 to 127 used for other system resources

128 to 32767 Not owned

The range to look at is -16384 to -1. To decipher the owner information, view the individual bits in the resource ID:

Bits 14 and 15 are always 1. Bits 11 to 13 define the OWNING resource type. In the case of a desk accessory, they would be 000, which indicates a DRVR resource. Bits 5 to 10 specify the OWNING resource ID in the range of 0 through 63. Bits 0 to 4 are set by you. Thus, you can have up to 32 different OWNED resources of the same type for a desk accessory. For example, a WIND resource with ID -16000:

12

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This WIND resource is owned by a DRVR resource with ID 12. If the WIND resource ID is -15599, then you have:

You can access these WIND resources through the standard window manager calls.

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