Overriding Other Default Help Balloons

In addition to help balloons for application and document icons, the **Help Manager** provides default help balloons for the title bar and the close and zoom boxes of an active window. It also provides default help balloons for windows of inactive applications, inactive windows of an active application, and the area outside of a modal dialog box.

Apple has researched and tested these help messages to ensure that they are as effective as possible for users. Normally, you should not need to override them. However, you can override one or more of these defaults if you feel you absolutely must by creating a resource of type 'hovr'. Shown here is the format for the 'hovr' resource.

Using an 'hovr' resource sets the default help balloons for your application only. It does not affect the default help balloons used by other applications.

Component	Default help override resource element
Header	**Help Manager** version (use HelpMgrVersion constant) Options Balloon definition function Variation code
Missing items help	Identifier for help balloon content Balloon content for items missing **i** from this resource or lacking b balloon content
Title bar help	Identifier for help balloon content Balloon content for title bar of a active window
Reserved	Always use HMSkipItem identifier here Reserved; skip this item
Close box help	Identifier for help balloon content Balloon content for close box of a active window
Zoom box help	Identifier for help balloon content Balloon content for zoom box of a active window
Help for active application's inactive windows	Identifier for help balloon content Balloon content for inactive window of active application
Help for inactive application's windows	Identifier for help balloon content Balloon content for window of inactive application
Help for area outside of a	Identifier for help balloon content

| modal dialog box or alert box | Balloon content for area outside of a modal dialog box |

As with the other help resources, specify the <u>HelpMgrVersion</u> constant in the first field of the header component of the 'hrct' resource. In the options field, specify a constant (normally, <u>hmDefaultOptions</u>) or the sum of several constants' values from this list.
(**Specifying Options in Help Resources** describes these options.)

Specify the balloon definition function and variation code (both typically 0) in the third and fourth fields of the header. (These are described in detail, **Providing Help Balloons for Menus**.)

For each element, specify the format that the help content takes. As with the other help resources, specify the format using one of these identifiers:

Identifier	**Help content format**
<u>HMStringItem</u>	Pascal string within the help **r** resource
<u>HMPictItem</u>	'PICT' resource
<u>HMStringResItem</u>	'STR#' resource
<u>HMTEResItem</u>	'TEXT' and 'styl' resources
<u>HMSTRResItem</u>	'STR ' resource
<u>HMSkipItem</u>	No content-skip this item

Supply an identifier and help balloon content for the missing items component. The **Help Manager** expects the components of an 'hovr' resource to be listed in the order previously shown. To use any of the default help balloons, specify <u>HMSkipItem</u> in the corresponding field of the 'hovr' resource. The **Help Manager** supplies help balloons with the missing items' balloon content for components you leave off the bottom of this list. The **Help Manager** also uses the missing items' balloon content if you provide an identifier for a component but specify an empty string or a resource ID of 0 for that item's balloon content.

The following code example shows a resource of type 'hovr' that overrides all of the default help balloons.

Listing Overriding default help balloons

```
resource 'hovr' (1000) {
    HelpMgrVersion,
    hmDefaultOptions,                    // options
    0,  // the balloon definition ID
    0,  // variation code
    HMStringItem {    // missing items in case this res is short items
    "Missing override message"
```

```
        },
        {
        HMSkipItem { //  title bar help
        // HMSkipItem means use default help balloon for this element
        },
        HMSkipItem { // reserved; always specify HMSkipItem here
        },
        HMStringItem {    // close box help
        ""  // empty string means use missing items help
        },
        HMStringItem {    // zoom box help
        "Get this message if in Zoom In or Zoom Out box."
        },
        HMStringItem {    // help for active app's inactive window
        "Get this message if in inactive window of active application."
        },
        HMStringItem {// help for inactive app's window
        "Get this message if in window of inactive application."
        },
        HMStringItem {    // outside of modal dialog help
        "Get this message if outside modal dialog box."
        }
        }
    };
```