

the palette with the port but will not cause any change in the color environment.

One important implication of this feature is that `DisposeWindow` (`_DisposWindow`) will not dispose of the associated palette automatically since it may be allocated to other ports or windows. The only exception to this behavior is when an application has used `_GetNewCWindow` to create the window, there is a 'pltt' resource with the same ID as the window, and the application has not called `_GetPalette` for the window.

Color Updates

System version 6.0.2 also introduces a new call, `_NSetPalette`, which complements `_SetPalette`. `_NSetPalette` has the same functionality as `_SetPalette`, but the `CUpdates` parameter has been modified from a Boolean to an Integer as follows:

```
PROCEDURE NSetPalette (dstWindow: WindowPtr; srcPalette: PaletteHandle;
                      nCUpdates: INTEGER);
INLINE $AA95;
```

`_NSetPalette` changes the palette associated with `dstWindow` to `srcPalette`. It also records whether the window wants to receive updates as a result of a change to its color environment. If you want `dstWindow` to be updated whenever its color environment changes, set `nCUpdates` to `pmAllUpdates`. If you are only interested in updates when `dstWindow` is the active window, set `nCUpdates` to `pmFgUpdates`. If you are only interested in updates when `dstWindow` is not the active window, set `nCUpdates` to `pmBkUpdates`.

```
{ NSetPalette Update Constants }
```

```
pmNoUpdates =           $8000;           {no updates}
pmBkUpdates =           $A000;           {background updates only}
pmFgUpdates =           $C000;           {foreground updates only}
pmAllUpdates =          $E000;           {all updates}
```

`_SetPalette` retains its syntax and function:

```
PROCEDURE SetPalette (dstWindow: WindowPtr; srcPalette: PaletteHandle;
                     CUpdates: Boolean);
INLINE $AA95;
```

Note: The trap words for `_NSetPalette` and `_SetPalette` are identical.

CopyPalette

```
PROCEDURE CopyPalette (srcPalette, dstPalette: PaletteHandle;
                      srcEntry, dstEntry, dstLength: INTEGER);
INLINE $AAA1;
```

`_CopyPalette` is a utility procedure that copies `dstLength` entries from the source palette into the destination palette; the copy begins at `srcEntry` and `dstEntry`, respectively. `_CopyPalette` will resize the destination palette when the number of entries after the copy is greater than the original.

`_CopyPalette` does not call `_ActivatePalette`, so the application is free to do a number of palette changes without causing a series of intermediate changes to the color environment; the application should call `_ActivatePalette` after completing all palette changes.

If either of the palette handles are `NIL`, `_CopyPalette` does nothing.