palette_req

COLLABORATORS

	TITLE : palette_req		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		January 23, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

palette_req

1.1 palette_req.doc

```
--datasheet--()
--history--()
PREQ_DisposeRequester()
PREQ_NewRequester()
```

1.2 palette.requester/--datasheet--

```
NAME
    palette.requester -- Requester for editing a color palette

REQUIRES
    supermodel.class
    tcpalette.gadget
    Reaction gadgets

METHODS
    OM_NEW -
    OM_DISPOSE
    OM_SET
    OM_GET
    RM_DOREQUEST - open requester
    RM_DOREQUESTASYNC - unimplemented

ATTRIBUTES
    PR_Screen - Screen to open requester on.
    (OM_NEW, OM_SET)

    PR_Window - Parent Window
    (OM_NEW, OM_SET)

    PR_PubScreenName - Public Screen Name
    (OM_NEW, OM_SET)

    PR_Colors - Number of colors to edit 1..256
    (OM_NEW, OM_SET)
```

PR_Palette – Palette to edit, must be at least
  PR_Colors entries in the array of struct prRGB.
  When you get this attribute, you must supply a buffer
  with enough memory to hold and PR_Colors size array of
  struct prRGB
(OM_NEW, OM_SET, OM_GET)

PR_TextAttr – TextAttr of gadget Text.
(OM_SET)

PR_TitleText – Text of window
(OM_NEW, OM_SET)

PR_PositiveText – "Ok"
(OM_NEW, OM_SET)

PR_NegativeText – "Cancel"
(OM_NEW, OM_SET)

PR_InitialTopEdge,LeftEdge,Width,Height – Initial values for window.
  not implemented.
(OM_NEW, OM_SET)

PR_Red/Green/BlueBits – Bits per component. not implemented.

RESULT

EXAMPLE

NOTES
    While this requester keeps 32bit per component (RGB), due to limitatio
ns
    of the slider gadget, edits only 8bits per component, only 256 levels.

    Future versions may fix this.

BUGS
    Bad things will happen if you OM_GET PR_Palette with an array that
    doesn't have atleast PR_Colors entries.

    The Undo gadget won't disable on the first pen edited.

SEE ALSO

1.3 palette.requester/--history--

To Do –
    * Maybe cause requester to notify other object WHILE open?
    * Create pop-up gadget class (similar to GetScreenMode etc.)

44.1 –
    * OM_GET wasn't handled in the dispatcher.
    * Getting PR_Palette now works – requester was kinda useless before.
    * Setting PR_Screen, Window, PubScreenName will center the requester

```
44.0 -
```

1.4 palette.requester/PREQ_DisposeRequesteralette.requester/PREQ_DisposeRequest

```
NAME
     PREQ_DisposeRequester -- Dispose palette requester.
```

1.5 palette.requester/PREQ_NewRequester

```
NAME
     PREQ_NewRequester -- Allocate a new Palette requester.

SYNOPSIS
     Object = PREQ_NewRequester(Tags,...)

     Object *PREQ_NewRequester(Tag, ...);
     a0                        a0

     Object *PREQ_NewRequesterA(struct TagItem *)
     a0                                    a0

FUNCTION
     Allocates a new Palette requester object.
     The palette requester is a BOOPSI object.
     Further settings can be changed or read
     with SetAttrs() or GetAttr().


SEE ALSO
     palette.requester/--datasheet--
```