
Subject: leap variables and widgets

Posted by [Olivier_Gasnault](#) on Tue, 20 Apr 2004 15:14:07 GMT

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Could anyone point out what goes wrong in the set of codes below.

Run the widget1 procedure and click twice on the button.

The program stops then.

At this stage pvar is not a valid pointer, while it should !

Why ?

If you comment the ptr_free command then the problem disappear...

But I do not understand why the ptr_free would be executed before the end of the widget2 procedure.

```
;---
```

```
pro widget2_event, ev
```

```
common pointer, pvar
```

```
WIDGET_CONTROL, ev.id, get_uvalue=ual
```

```
if uval eq 'BUTTON2' then stop
```

```
end
```

```
;---
```

```
pro widget2
```

```
common pointer, pvar
```

```
base2 = WIDGET_BASE(title='widget2')
```

```
button2 = WIDGET_BUTTON(base2, uvalue='BUTTON2')
```

```
WIDGET_CONTROL, base2, /REALIZE
```

```
XMANAGER, 'Widget2', base2
```

```
end
```

```
;---
```

```
function main_widget2
```

```
common pointer, pvar
```

```
struct_pvar = {hello:'hello'}
```

```
pvar = ptr_new(struct_pvar, /NO_COPY)

widget2
ptr_free, pvar

end

;---

pro widget1_event, ev

WIDGET_CONTROL, ev.id, get_uvalue=uval

if uval eq 'BUTTON1' then f = main_widget2()

end

;---

pro widget1

base1 = WIDGET_BASE(title='widget1')
button1 = WIDGET_BUTTON(base1, uvalue='BUTTON1')

WIDGET_CONTROL, base1, /REALIZE
XMANAGER, 'Widget1', base1

end
```
