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Subject: Multiple widgetized windows in one application

Posted by [bowman](#) on Fri, 23 Apr 1999 07:00:00 GMT

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I'm trying to write a widget program that has multiple widgetized windows. I have done the following (in outline form)

#### PRO MANIFOLD

```
base_id = WIDGET_BASE(TITLE='Manifolds')
```

```
... create subwidgets for this window
```

```
display_1_id = WIDGET_BASE(TITLE = 'Display 1', GROUP_LEADER = base_id)
```

```
... create subwidgets for this window
```

```
display_2_id = WIDGET_BASE(TITLE = 'Display 2', GROUP_LEADER = base_id)
```

```
... create subwidgets for this window
```

```
WIDGET_CONTROL, display_1_id, /REALIZE
```

```
WIDGET_CONTROL, display_2_id, /REALIZE
```

```
WIDGET_CONTROL, base_id, /REALIZE
```

```
XMANAGER, 'MANIFOLD', display_1_id, /JUST_REG
```

```
XMANAGER, 'MANIFOLD', display_2_id, /JUST_REG
```

```
XMANAGER, 'MANIFOLD', base_id
```

The 'Display 1' and 'Display 2' windows have identical widget structures (but different widget id's, of course).

I have a single event handling routine, MANIFOLD\_EVENT

The program works, mostly. All three windows are realized. Events in base\_id and display\_1\_id windows are passed to MANIFOLD\_EVENT. For some reason, however, no events in 'Display 2' are passed to MANIFOLD\_EVENT. I know this because I print out part of every event that comes to MANIFOLD\_EVENT.

I must say that the documentation of GROUP\_LEADER, JUST\_REG, and NO\_BLOCK may have reached a new high in IDL documentation obscurity, approaching the PS and X device descriptions. I may not be using them correctly. I don't need to handle command line input.

Am I doing something wrong here?

Thanks, Ken

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