
Subject: Re: Q on widget programming style
Posted by [mvukovic](#) on Wed, 29 Jul 1998 07:00:00 GMT
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In article <MPG.1027c928665bc771989818@news.frii.com>, davidf@dfanning.com (David Fanning) wrote:
> Mirko Vukovic (mvukovic@my-dejanews.com) writes:
>
>> In my widget programming I tend to assign an event handler to each widget
>> (well, almost), since that eliminates testing on the origin of the event,
>> and produces somewhat cleaner code.
>>
>> But are there any pitfalls to that practice?
>
> Uh, it produces a lot of code. :-)
>
> I tend, these days, to use a lot of event handlers too, but
> I tend to group them by logical function or utility. For example,
> all of the buttons in the "Processing" pull-down menu will be
> handled by the same event handler. Or all the "color tools" will
> be handled by the same event handler, etc.

I should have been more explicit. This is my approach too. The main reason why I don't like to dump too many widgets into one event handler is the complexity of the testing which event occurred, and possible hassle if I want to add another widget, that I'll have to re-work the whole testing tree.

On the other hand, I could simply note all the widget ID's, and have a case statement parse which code to execute in the event handler.

I would still vote for the logical grouping (i.e., not the dump-in-one-event-handler approach noted in the previous paragraph), as variable naming and such is much easier.

> This tends to cut down on the amount of code a little bit
> and makes it easier to find the part of the code I want to
> work on.
>
> I'm also very big these days on writing compound widgets as
> objects. Normally this will mean a single event handler, but
> many methods for the compound widget. Maybe it's my imagination,
> but it seems very elegant to me. :-)

hmm, a widget is an object, so why not. But can you expand on this a bit (please)?

mirko (I never thought I would be looking forward to 100F weather to cool-off. This comment comes after a couple of weeks in T>100F in beautifull and

sunny Arizona)

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