

Re: Losing data in controls (and arrays) during unhandled exceptions.

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Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2006-12/msg01556.html>

- *From:* "NickHK" <TungCheWah@xxxxxxxxxxxxx>
 - *Date:* Wed, 6 Dec 2006 16:03:54 +0800
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David,

Not sure what you have at the moment, although you seem to understand the concept.

Errors will "bubble up" through the routines until an active error handler is found. If one is not found, then you get your situation.

So if the first routine has a handler, you can deal with it there. Compare the output for i in routine below and when you comment out the "On Error" statement. This seems to be your situation.

e.g.

```
Dim i As Long
```

```
Private Sub Worksheet_SelectionChange(ByVal Target As Range)
```

```
On Error GoTo WS_SelectionChange_Handler
```

```
Debug.Print i
```

```
i = 10
```

```
Call No_Handler1
```

```
Exit Sub
```

```
WS_SelectionChange_Handler:
```

```
MsgBox Err.Description
```

```
End Sub
```

```
Private Function No_Handler1() As Long
```

```
Call No_Handler2
```

```
End Function
```

```
Private Function No_Handler2() As Long
```

```
'Cause an error
```

```
No_Handler2 = 1 / 0
```

```
End Function
```

NickHK

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"David" <nodeo@xxxxxxxxxxx> wrote in message
news:12nct27lq7pusa7@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi

Thanks for the quick reply!

"NickHK" <TungCheWah@xxxxxxxxxxx> wrote in message
[news:uKvJ\\$5PGHHA.1216@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uKvJ$5PGHHA.1216@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

David,
Sounds like you need to include/improve your error handling. Do all
(necessary) routines have the statement;
On Error {one of the options}

Although this will not stop errors, it will allow you to test the
cause/current state and deal with the situation.

Most of the important functions have handlers.....the Worksheet
probably has more than a hundred subs and functions though....
I see your point though about improving the error handling
If the code was good enough unhandled exceptions shouldn't
actually happen.

As for populating with stored data, wouldn't the Workbook_Open event be
better ?

I can't actually remember why I chose Workbook_WindowActivate.
The first one