

Re: [Enum]

Source:

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- *From:* "Kevin Provance" <casey@xxxxxxxxxxx>
 - *Date:* Mon, 14 Apr 2008 17:51:18 -0400
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That's pretty sweet, Mike. Thanks for sharing this...I learned something new. :-)

- Kev

"MikeD" <nobody@xxxxxxxxxxx> wrote in message

[news:OjOf\\$hmnlHA.4712@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OjOf$hmnlHA.4712@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

|

| "Lorin" <Lorin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

news:257FD457-146C-4C3C-B9FC-3E607B0DE91D@xxxxxxxxxxxxxxxxxxxx

| > VB6SP6

| > Where can I find an explanation of the usage of [] in an Enum?

| >

|

| As far as I know, it's undocumented. However, what the brackets do is make that member of the Enum type hidden. For example, I

| frequently do something like this:

|

| Public Enum SortTypeConstants

| [_Min] = 1

| elvInt = 1

| elvFloat = 2

| elvCurrency = 3

| elvDate = 4

| elvCustom = 5

| elvTextBinary = 6

| elvTextStd = 7

| [_Max] = 7

| End Enum

|

| And then in a Let property procedure:

|

| Public Property Let SortType(ColumnIndex As Long, SortType As SortTypeConstants)

|

| 'If outside the range of valid values, use the same type of sorting

| 'that is standard for a ListView

| If SortType < [_Min] Or SortType > [_Max] Then

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```
| SortType = elvTextStd
| End If
|
| On Error GoTo EH
|
| m_SortType(ColumnIndex) = SortType
|
| Exit Property
|
| EH:
|
| If Err.Number = 9 Then
| 'If we get a subscript out of range error,
| 'we need to redimension the array
| ReDim Preserve m_SortType(ColumnIndex)
| Resume
| End If
|
| End Property
```

| Instead of merely defaulting to a value if the assigned value is out of range, you might just raise error number 380 (Invalid Property Value). The reason I do this is so that if I add members to this enum, all I have to do is change the value for `_Max` in the enum declaration and not worry about finding every place where this value has been hard-coded.

| Although not required, it's customary to use an underscore as the first character for the hidden enum member. Also, in Object Browser, if you enable the Show Hidden Members option, you'll not only see these in Object Browser, but in IntelliSense as well.

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| --
| Mike
| Microsoft Visual Basic MVP
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