
Subject: Array indexing "Feature"

Posted by [Andrew Cool](#) on Wed, 12 Dec 2001 21:52:54 GMT

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Hi All,

One of my colleagues has noted something apparently screwy in the indexing of arrays.

e.g. `a = indgen(10)`
`print, a(9)` -> you get 9
`print, a(10)` -> you get an error, as expected for a zero-based index

but if you access the array with the index as a vector, it seems to truncate the index to the maximum allowable:

```
print, a([10]) -> you get 9
print, a([666]) -> you get 9
```

Similarly:

```
print, a(-1) -> you get an error
print, a([-1]) -> you get 0
```

This feature holds good for IDL 5.2 and 5.4 on OpenVMS and for 5.5 on Windows.

Where, Oh where in the manuals does it describe this?

Andrew

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