
Subject: Re: Absurd Indexes

Posted by [Hans Luh](#) on Tue, 17 Jun 1997 07:00:00 GMT

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Inigo Garcia wrote in article <33A6A7D5.777F@astro.rug.nl>...

> Hi !

>

> I have a problem with some "sticky dimension in a matrix. The thing is

> that if you make something like:

>

> a=findgen(4,1000)

> b=fltarr(2,*)

>

> the array I get is an [1,1000] array, and I want an [1000] array !!!

> Does someone know any way of getting rid off that "1" dimension.

> (OK, I know the "for" loop method, but, there's no other method to do it

> ?)

I am not sure that I understand your problem correctly. However, I try

```
a=findgen(4,1000)
```

```
b=fltarr(2,*)
```

on the PV-WAVE and get

```
WAVE> a=findgen(4,1000)
```

```
WAVE> b=fltarr(2,*)
```

```
b=fltarr(2,*)
      ^
```

```
% Syntax error.
```

Obviously, 'b=fltarr(2,*)' is wrong. If we use size() to check the dimensionality of a, we can find that a is a two dimensional array.

```
WAVE> print,size(a)
```

```
      2      4    1000      4    4000
```

OK. If you want an one dimensional array, just use

```
WAVE> a=findgen(1000)
```

```
WAVE> print,size(a)
```

```
      1    1000      4    1000
```

You now have an [1000] array.

Hans.
