## Subject: Re: Referencing elements of array expressions Posted by steinhh on Mon, 06 Feb 1995 02:10:18 GMT

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In article <3guag9\$nqn@marsupial.jpl.nasa.gov>, "Evan F. Fishbein" <eff@tugh.jpl.nasa.gov> writes:

Yes, it's possible:

```
i = (where(abs(y) lt 1.0e-5))(0:1)+[-1,1]
```

and in general, you can reference elements of arrays in expressions by adding parentheses around the array expression, and then the index in another pair of parentheses:

```
sub\_array = (my\_arrayfunc(0.5))(0:5)
```

I wouldn't recommend it in your example, though, because WHERE might return a scalar long if no elements match the test, but I often use it with e.g. N\_DIMENSIONS = (SIZE(a))(0)

Stein Vidar