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Subject: Strange behaviour of Uniq static method

Posted by [Johan Gustafsson](#) on Wed, 29 Jun 2016 09:14:00 GMT

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This is my first post here, so hello everybody.

I've encountered a strange behaviour of the static method Uniq (not the old Uniq function, more about that later). To give a short example:

```
IDL> x = [FltArr(5), -FltArr(5), RandomN(seed, 5)]
IDL> Print, x.Uniq()
  -1.73792  -1.55209  -0.0861842  0.000000  -0.000000  0.000000  -0.000000
0.000000  -0.000000  0.000000  0.0552376  0.835585
```

The problem is the repeated zeros in array with supposed unique elements. It seems like the Uniq method treats 0. and -0. as two different values, which I believe is a bit unlogical. Also, according to the help page `x.Uniq()` should be equivalent to `x[Uniq(x, Sort(x))]`, but

```
IDL> Print,x[Uniq(x, Sort(x))]
  -1.73792  -1.55209  -0.0861842  0.000000  0.0552376  0.835585
```

which is the result I would expect.

I don't know if I really have a question, but it would be nice if someone could confirm that `x.Uniq()` in the example indeed does not give the expected output. Is this a known bug?

I use IDL 8.5.1 under Windows 10

/Johan

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