Jeremy,

thanks for putting this on the web. I always like "borrowing" code
instead of rewriting it and there is some good stuff there.

Oddly I opened up sign() and in the spirit of Coyote's IDL way I have
previously written sign() without the nasty for loop. This rewrite
gained a x12.6 improvement in speed for my test case.

```
function sign, in
   pos = make_array(n_elements(in), /byte, value = 1)
   zero = in EQ 0
   neg = in LT 0
   pos = pos - zero
   pos = pos - 2 * neg
   return, pos
END
```

Cheers,

Brian

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