
Subject: Re: JBIU utilities - release 1.0

Posted by [Michael Galloy](#) on Fri, 13 Jun 2008 18:39:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Jun 13, 10:44 am, Brian Larsen <balar...@gmail.com> wrote:

```
> 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
```

How about the following?

```
function mg_sign, x
  compile_opt strictarr

  return, fix(x gt 0) - fix(x lt 0)
end
```

Mike

--

www.michaelgalloy.com

Tech-X Corporation

Software Developer II
