Subject: gauss_smooth with integers
Posted by greg.addr on Tue, 01 Jul 2014 08:10:18 GMT

The GAUSS_SMOOTH (introduced 8.1) documentation appears to suggest it should work on integer arrays, but I can't get anything useful without converting to float. I can do this but, since I'm constrained by memory usage, I'd be glad to know if there is a way (although maybe it has to be converted to float internally anyway?)

```
a=intarr(800,800)
a[*,400]=1000
a[400,*]=1000
tvscl,a
tvscl,gauss_smooth(a,20,kernel=k)
tvscl,k
```

...there's no smoothing because the kernel is zeros with a single 1 at the centre.

cheers,
Greg