Subject: GDL weirdness (bug?) with modulo command
Posted by rjp23 on Tue, 15 Apr 2014 14:44:33 GMT

I'm not sure if this is a bug or if I'm missing something and I know there's a fair few GDL users here.

I was using the mod command to get the remainder from a value and then fixing it to be an integer and I noticed that some of the values were wrong.

I looked into it a bit more and think I can summarise the issue as:

GDL> print, 200.0 mod 12
    7.99999
GDL> print, 200D mod 12
     8.0000000

i.e. if the variable is a float, the mod command doesn't return the integer that you expect it to. If it's a double then you get the expected answer.

Am I missing some subtlety here or is this a bug?