Subject: FormatDouble and numbers under 1e-15
Posted by koldo on Wed, 03 Mar 2010 09:33:04 GMT

Hello all

There is a behavior I do not understand in function String FormatDouble(double d, int digits, int flags, int pad_exp) with numbers under 1e-15.

If you call FormatDouble(1e-16, 0) it returns "1e-16" instead of returning "0".

This is because of this line:
is_exp = ad && (ad <= 1e-15 || ad >= 1e15);

The question is, if I do not want decimals or a few of them, and number is very close to 0, the most intuitive output would be just 0, is not it ?