Subject: Double formatting bug?
Posted by zsolt on Sun, 19 Nov 2006 21:48:40 GMT
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I'm using "%0nl" formatting. This is formatting double values as fixed point (integer) number in most cases. But with very large or small numbers (e.g. 1e-16) it shows the floating point number (e.g. 1e-16). This is what I don't need.

I have checked the formatting function:

```
String FormatDouble(double d, int digits, int flags, int pad_exp)
{
 if(IsNull(d))
  return Null;

 double ad = fabs(d);
 bool is_exp = (flags & FD_EXP);
 if(!(flags & FD_FIX))
 {
  is_exp = ad && (ad <= 1e-15 || ad >= 1e15);
  if(flags & FD_REL)
  {
   double bd = ipow10(2 * digits);
   if(ad && (ad * bd <= 1 || ad >= bd))
    is_exp = true;
  }
 }
 if(is_exp)
  return FormatDoubleExp(d, digits, flags, pad_exp);
 else
  return FormatDoubleFix(d, digits, flags);
}
```

The problem is the "if(!(flags & FD_FIX))" block. I searched for FD_FIX in upp sources and I was unable to find any other references to it. Is something missing from parser or is this "if" block absolutely unneeded?
Or how can I enforce fixed point language based formatting?