

## Ruby master - Feature #9522

### Float( "NaN" ), Float( "Infinity" )

02/16/2014 05:36 AM - Anonymous

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>Description</b> I have noticed that <code>0.0 / 0.0</code> returns NaN, but <code>Float( "{0.0 / 0.0}" )</code> , or simply <code>Float( "NaN" )</code> does not return <code>Float::NAN</code> , failing instead. To me, even inclusion of NaN among floats is somewhat questionable, but since it's there, <code>Float( "NaN" )</code> needs to be discussed. Same would go for <code>Float( "Infinity" )</code> .  The issue here might be that not all the users are aware that NaN and Infinity have special meaning in the context of floats, and they might use these strings inadvertently without actually meaning a Float.	