Subject: Re: Assert failed in core/value.h line 464
Posted by jerson on Wed, 25 Aug 2010 14:49:58 GMT
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Ok, I found it

The Settings.Vexciter.Range parameter is of Value type.

The control that was being used to take in user input was of type EditString.

This was the assignment
Settings.Vexciter.Range = ~esExciterVoltage;
This is where things were going wrong. The String value was geting assigned to the variable.

Following this was a call to StoreToFile(Settings, cfgfile);
this was storing the value as a string in the cfgfile.

On reloading the file by using LoadFromFile(Settings, cfgfile), the string was being loaded to
Value. On assigning this to Meter.SetMax(Settings.Vexciter.Range), I was getting the assertion
since the Value does not seamlessly convert to a double(help file says so).

Doing this Meter.SetMax((double)Settings.Vexciter.Range) does not help either.

However, now, I am out of the block and hopefully can steam ahead. I have changed all the user
input boxes to EditDouble type.

BTW: why does this work
 double d = Settings.ExciterVoltage.Range;
 Vexciter.meter.SetStep(d/4);

and why not this?
 Vexciter.meter.SetStep(Settings.ExciterVoltage.Range/4);

this gives an ambiguous operator message and fails to compile

Thanks for your help