
Subject: display approximation...

Posted by [idkfa46](#) on Thu, 15 Mar 2012 09:19:35 GMT

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Hallo guys,

I'm here with a new question about DropDownList!

Here the incriminate code:

```
dl = DropDownList
```

```
value = EditDouble
```

```
void DLprove::compute()
{
// DropDownList elements...
dl.Clear();
for(int i=1; i<=value; ++i)
{
    double k= value/i;
    if ( k > 5 && k < 45 )
    {
        dl.Add(k);
    }
}
    // SetIndex the nearest element to "17"
int idx = -1;
double mind = 1e9;
for(int i = 0; i < dl.GetCount(); i++)
{
    double d = fabs((double)dl.GetValue(i) - 17);
    if(d < mind)
    {
        mind = d;
        idx = i;
    }
}
if(idx >= 0)
    dl.SetIndex(idx);
}
```

How can be possible to display the dropdown with an approximation without converting double to string ?

I tryed setting

```
String s = Format("%.02f", k);
```

but i have a issue looking for the nearest value to 17...

If "string" is the only solution to display approximate values, how can be possible to convert back string to double before

```
double d = fabs((double)dl.GetValue(i) - 17);
```

At the moment application with String compile correctly but applicazion gonna crash.

Here the fatal error:

"Assertion failed in c:\upp\uppscr\core\Value.h, line 474

Invalid value conversion: class Upp::RichValueRep <class Upp::String> -> double

Regards,
Matteo
