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Subject: Re: Knob control

Posted by [jerson](#) on Wed, 18 Aug 2010 13:00:12 GMT

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Hi Koldo

I think I caught some bugs on the knob USC. SetMajorMarks to 3, SetMinorMarks to 4 and the widget display is wrong. However, the CPP paint does its job well. Same way, set SetMajorMarks to 4, SetMinorMarks to 5 and the USC code crashes.

Another minor suggestion, I would define major and minor marks differently like this; but, that's my opinion.

MajorTickInterval and MinorTickInterval so user can decide the tick interval in terms of a quantum of the range. MajorTickInterval of 25 means a major tick every 25 counts of the range and minortick of 5 means a dot every 5 counts of the range

I've done something like that in the slider.cpp file I uploaded on the slider thermometer thread. this is the relevant paint code

```
// draw gradations
for( int i = Min();
    ( m_nMajorTicks > 0 ) && ( i <= Max() ) ;
    i += ( m_nMinorTicks == 0 ? m_nMajorTicks : m_nMinorTicks ) ) {

    int nPos = SliderToClient( i );

    if ( ( m_nMajorTicks != 0 ) && ( i % m_nMajorTicks ) == 0 )
        DrawTick( w, MAJOR, (HOVE)HoVe( HORZ, VERT ), nPos, i );
    else if ( ( m_nMinorTicks != 0 ) && ( i % m_nMinorTicks ) == 0 )
        DrawTick( w, MINOR, (HOVE)HoVe( HORZ, VERT ), nPos, i );
}
```

Best Regards