Subject: Re: EditTime - Is it possible to change displayed format?
Posted by Garry on Mon, 09 Jan 2006 22:26:20 GMT
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Thanks a million - it took me a while to figure out how to do it properly, but I've got it now.
Certainly a great learning experience too. Now I realise how to make much better use out of
Browser++ too!!

Anyway, here's my code now:

```
class MyTimeConvert: public ConvertTime {

 public:
 Value Format(const Value& q) const {
  Time tm = q;
  return ::Format("%02d:%02d", tm.hour, tm.minute);     //ensures xx:xx format
 }
 int Filter(int chr) const {
 if(IsDigit(chr) || chr == ':')               //only accepts digits and ":"
  return chr;
 return 0;
 }
};
```

typedef EditMinMax<Time, MyTimeConvert> EditTimeHM;

I only need Format to display hours and minutes with two digits for each unit.

This abridged version of Filter only allows digits and the colon symbol.

The standard version of Scan seems to work well at interpreting the time in this manner, but I
might alter it in my own program so that invalid times are converted to proper times (eg 25:01
becomes 01:01).

By the way, now that I understand the actual processes behind this, I think there's a bug in
ConvertTime. The global Format produces a String of Time with forward slashes "/" dividing days,
months and years but ConvertTime::Scan and ConvertTime::Filter expect full stops instead ".".
This causes EditTime to refuse to close once any time has been entered.

All the best, and thanks again!
Garry

*edit fixed a typo