Subject: Help needed with Convert class
Posted by pacoquintana on Thu, 12 Sep 2013 18:50:56 GMT
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Hi all.:
I need some help about date time format and convert
In my application I use SQLITE 3 with a column to store date and time in a TIME column
in app.layout an sqlArray has to columns, one to display date and the next one to display time coming from the same colum time in sqlite.
Working with a convert class to display date in the first sqlArray.column and time in the next one so :

```
Convert& DateDateConvert();
Convert& DateTimeConvert();

struct DateDateConvertCls : Convert {
   virtual Value Format(const Value& q) const;
};

Value DateDateConvertCls::Format(const Value& q) const
{
 Time d = q;
   return !d.IsValid() ? String() : ::Format("%1:04d-%2:02d-%3:02d", d.year, d.month, d.day);
}

Convert& DateDateConvert()
{
   return Single<DateDateConvertCls>();
}


struct DateTimeConvertCls : Convert {
   virtual Value Format(const Value& q) const;
};

Value DateTimeConvertCls::Format(const Value& q) const
{
 Time d = q;
   return !d.IsValid() ? String() : ::Format("%1:02d-%2:02d-%3:02d", d.hour, d.minute, d.second);
}

Convert& DateTimeConvert()
{
   return Single<DateTimeConvertCls>();
}
```

In the Layout :
qs.AddColumn(O_DATE, "fecha").SetConvert(DateDateConvert());

```
qs.AddColumnAt(1, "Hora").SetConvert(DateTimeConvert());
```

It compiles and link but I get an Assertion error.
I can not understand how Convert class woks, so any "good Elmer" can explain me how it works ?
Thank you very much
