
Subject: Re: template + convert problem

Posted by [Didier](#) on Sun, 20 Sep 2009 10:08:15 GMT

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After another look, something is missing. You mixed up type passing (template paremeters), and specific value fixing (you're parameters).

You need a constructor, no need for template !

The following code compiles:

```
struct ConvDict : Convert
{
private:
const SqlId TBL;
const SqlId ID;
const SqlId NAME;
const int  CLEARTIME;

public:
ConvDict(SqlId tbl ,SqlId id, SqlId name,int clearTime)
: TBL(tbl)
, ID(id)
, NAME(name)
, CLEARTIME(clearTime)
{

}

virtual Value Format(const Value& q) const
{
if(q.IsNull()) return Null;
static VectorMap<int, String> dict;
static Time lastcleartime;
if(GetSysTime()-lastcleartime > CLEARTIME)
{
dict.Clear();
lastcleartime=GetSysTime();
}

int f = dict.Find(int(q));
if(f >= 0)
{
return dict[f];
} else {
Sql sql;
sql * Select(NAME).From(TBL).Where(ID == q);
```

```
String s;  
if(sql.Fetch()) {  
    int sid = int(q);  
    s = sql[NAME];  
    dict.Add(sid, s);  
} else {  
    s = "";  
}  
return s;  
}  
}  
};
```
