
Subject: HomeBudget example bug

Posted by [Shire](#) on Tue, 20 Jan 2009 01:44:29 GMT

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When application setup, months list is correctly initialized by months of current year.

```
void HomeBudget::Setup()
{
...
Date dt = GetSysDate();
dt.day = 1;
...
GenMonthList(dt.year);
```

But when selected one of months in month grid, months is reinitialized by year of selection:

```
void HomeBudget::ChangeDate()
{
dtid = month(ID);
LoadMoney(dtid);
UpdateSummary();
GenMonthList(((Date) month(DT)).year);
}
```

After new year, DropGrid months will never be initialized by current year.

I made corrections in GenMonthList:

```
void HomeBudget::GenMonthList(int year)
{
months.Clear();
int curr_year = GetSysDate().year;
int scan_year = min(year,curr_year) - 1;
int max_year = max(year,curr_year);
for(int scan_year = min(year,curr_year) - 1; scan_year <= max_year; scan_year++)
for(int i = 0; i < 12; i++)
months.Add(Date(scan_year, i + 1, 1), Format("%Month %.4d", i + 1, scan_year));
}
```

Now DropGrid includes months of years from given-1 to current.

Also example does not use table indexes. This is not good.

TABLE_(CATEGORIES)

INT (ID) PRIMARY_KEY
INT_ (GR_ID) INDEX

...

TABLE_(MONEY)
INT (ID) PRIMARY_KEY
INT_ (DT_ID) INDEX
INT_ (CAT_ID) INDEX

Other small changes (russian translation, layout fix, and other) are in attach.

File Attachments

1) [patch.diff.gz](#), downloaded 384 times
