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Subject: Re: How to display fields from different tables in one SQLArray

Posted by [zsolt](#) on Mon, 20 Oct 2008 20:51:00 GMT

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First you have to add the fields to your arrayctrl:

```
m_array.AddKey(PR_ID); //primary key
m_array.AddColumn(PR_CREATIONDATE, t_("Creation Date"), 10)
    .SetConvert(Single<ConvertYourIntBasedDate>());
...
m_array.AddColumn(COM_NAME, t_("Company Name"), 10);
...
```

You have to have a function returning the fields of your Select statement:

```
SqlSet GetSqlColumns(const ArrayCtrl &a_array)
{
    SqlSet cols;
    for(int i = 0; i < a_array.GetIndexCount(); i++)
        if(!a_array.GetId(i).IsNull())
            cols.Cat(SqlId(a_array.GetId(i)));
    return cols;
}
```

And a code to fill the arrayctrl from db:

```
SqlSet cols = GetSqlColumns(m_array);
Sql sql;
sql * ::Select(Distinct(cols))
    .From(PROJECT)
    .LeftJoin(COMPANY)
    .On(COM_ID == PR_COMPANYID)
    .Where(1)
    .OrderBy(PR_ID)
;

for(;;) {
    Vector<Value> row;
    if(!sql.Fetch(row)) break;
    m_array.Add(row);
}
```