

Problem with Datagrid and OOP

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007-03/msg04312.html>

- *From:* yiannisezn@xxxxxxxxxx
 - *Date:* 27 Mar 2007 23:26:56 -0700
-

I have been working lately in a 3-tier model which I find very helpful. The only problem now is that I want to selectively show some of the properties on the datagrid.
i.e. Employee.Name and Employee.SalaryType.Range

Following is a helpful example.

My case is:

- I have two different objects Employee and SalaryType
- The collection I use inherits from CollectionBase and includes Employee.

The code I use is:

Classes & Collection

```
public class EmployeeCollection:CollectionBase
{
public SalesOutDetailsCollection()
{}
```

```
public int Add(Employee item)
{
List.Add(item);
return List.Count - 1;
}
```

```
public class Employee
{
private int _id;
private string _code;
private string _name;
private SalaryType _salary;
```

```
public int Id
{
get { return _id; }
set { _id = value; }
```

Problem with Datagrid and OOP

```
}

public string Code
{
    get { return _code; }
    set { _code = value; }
}

public string Name
{
    get { return _name; }
    set { _name = value; }
}

public SalayType Salary
{
    get { return _salary; }
    set { _salary = value; }
}

public class SalayType
{
    private int _id;
    private string _range;

    public int Id
    {
        get { return _id; }
        set { _id = value; }
    }

    public string Range
    {
        get { return _range; }
        set { _ salary = value; }
    }

    public static EmployeeCollection GetList()
    {
        EmployeeCollection list = new EmployeeCollection();
        SqlCeDataReader reader = DAL. EmployeeDB.GetList();
        try
        {
            while (reader.Read())
            {
                Employee emp = new Employee();
                emp.Id = Convert.ToInt32(reader("EmpId"));
                emp.Code = Convert.ToString(reader("EmpCode"));
                emp.Name = Convert.ToString(reader("EmpName"));
            }
        }
    }
}
```

Problem with Datagrid and OOP

```
emp.SalaryType.Id =  
Convert.ToInt32(reader("SalaryId"));  
emp.SalaryType.Salary =  
Convert.ToString(reader("SalaryRange"));  
  
list.Add(new Employee(reader));  
}  
}  
catch (Exception ex)  
{  
string msg = ex.Message;  
list = null;  
}  
return list;  
}
```

How can I bind this on a Datagrid and show only Employee.Name and Employee.Salary.Range for columns?

.