

Step To Step Using BusinessObjects in the Stimulsoft of Report To asp Core

Definition BusinessObject

A **Business object** is an object of the data class that can be used to represent data in various structures: tables, lists, arrays, etc.

One of the methods of show reports without direct connection to the database is to use Business object

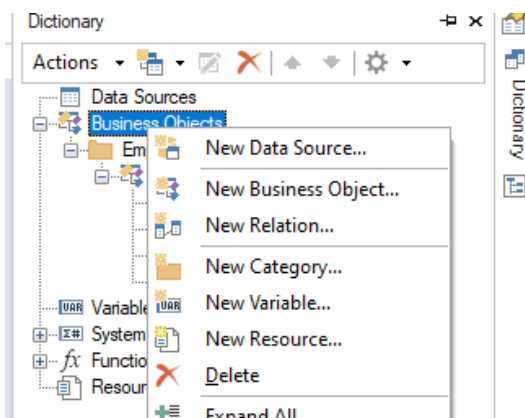
Source : <https://github.com/abolfazlSadeqi/ReportBusinessObjectStimulSoft>

Steps

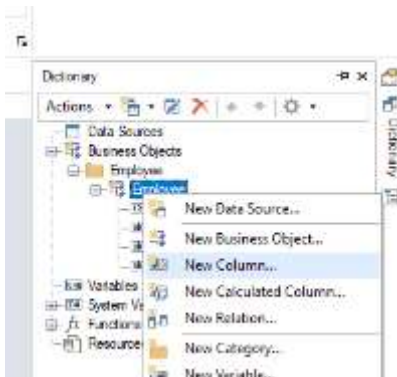
1. Design new report using Business Objects

Add [BusinessObject](#)

A) First need to created Business Object.(you need to select New Business Object... in the context menu of the data dictionary or in the menu New Item.)



B) Create List Columns(After creating new BusinessObject, then create its columns and specify the type of fields)



2.Setting Report in asp Core

a) Install package [Stimulsoft.Reports.Web.NetCore](#)

b) Also we need to add these actions in the controller. must load the designed report.

Controller:

```
private readonly IHostEnvironment _hostEnvironment;
private readonly IUnitOfWork unitOfWork;
private readonly IMapper _mapper;
public ReportsController(IUnitOfWork unitOfWork, IMapper mapper, IHostEnvironment
hostEnvironment)
{
    this.unitOfWork = unitOfWork;
    _mapper = mapper;
    _hostEnvironment = hostEnvironment; // has ContentRootPath property
}
```

Action:

```
public IActionResult Index()
{
    return View();
}

public IActionResult GetReport()
{
    var report = new StiReport();
    report.Load(_hostEnvironment.ContentRootPath + @"\Reports\ReportTest.mrt");
    report.RegBusinessObject("Employee", unitOfWork.Employee.GetAll());
    return StiNetCoreViewer.GetReportResult(this, report);
}

public IActionResult ViewerEvent()
{
    return StiNetCoreViewer.ViewerEventResult(this);
}
```

Index.cshtml

```
@using Stimulsoft.Report.Mvc;
@{
    ViewBag.Title = "Index";
    Layout = "~/Views/Shared/_Layout.cshtml";
}

@Html.StiNetCoreViewer(new StiNetCoreViewerOptions()
{
    Actions =
    {
        GetReport = "GetReport",
        ViewerEvent = "ViewerEvent"
    }
})
```