Data Access Layer

web screen customization sample

This sample use Sage 300 SAMLTD Database and Order Entry web screen to show how to access the data in the custom controller. It shows:

* Access Sage 300c services and endpoints to get data
* Access custom view to get data
* Use Sage 300c common services query to get data
* Use Entity Framework to get data

All the added tab pages and controls are configured in OrderEntry\_Settings.xml. The controls event handlers and behaviours are defined in OrderEntry\_Customization.js. All the data access layer code is in ISV1.Web\Areas\CU\DAL and called by MVC controller. For details, see this solution, settings and JavaScript files.

To run this sample to see the customization:

* Copy both files (OrderEntry\_Settings.xml and OrderEntry\_Customization.js) to *{Sage 300c installed folder}*\*{shared data folder}* \Customization.
* Change the installed Sage 300c web application web.config: <system.web> <compilation debug =”false” targetFramework..> debug value from false to true.
* Open this solution with Visual Studio and run it in debug mode.
* Log in Sage 300c application using Sample Company Limited company.
* Navigate to Order Entry screen, click tab pages, it will send Ajax call to controller to get data, populate the tab page controls.

Note: For each tab page detail grid, it just gets data and binding data source to the grid, not configure each grid columns for simple. The columns caption just use model fields name, not be formatted. This sample is just for demo the data access layer to get data using different ways.