Sage 300 Web Screens SDK

Web Screen Customization Control Configuration XML File Specifications

October 2016

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1. Overview

A Sage 300 web screen customization package may include a {screen\_name}\_Settings.xml file to describe the new controls to be added to a Sage 300 Web Screen. {screen\_name}\_Settings.xml file template will be automatically generated by the Sage 300 Web UI Customization Solution Wizard.

This document specifies the format and rules for each elements specified in the control configuration XML file.

1. Control Configuration XML File Specifications

This section contains detailed specifications of the control configuration XML file.

* 1. XML declaration tag format

The XML declaration must be the first line in the {screen\_name}\_Settings.xml. No other content or white space can precede it.

**Table 1: Declaration tag format**

|  |  |  |
| --- | --- | --- |
| **Attribute Name** | **Description** | **Requirements** |
| version | Version number | Mandatory  The value must be “1.0” |
| encoding | The encoding declaration must appear immediately after the version information in the XML declaration. | Mandatory  The value should match the encoding of the file.  It is recommended to use UTF-8 |

##### Examples:



* 1. Header tag format

The "Screen" tag is the header element. It occurs only once per file, contains four attributes and also contains all ROE tags (or elements) before being closed.

**Table 2: Header tag format**

|  |  |  |
| --- | --- | --- |
| **Attribute Name** | **Description** | **Requirements** |
| Name | Sage 300 Web Screen Name | Mandatory  Don’t change the value of the Name attribute generated by Sage 300 Web UI Customization Solution Wizard. |
| xmlns:xsi | XML Schema Instance Namespace | Optional |
| xsi:noNamespaceSchemaLocation | references the “screenConfig.xsd” XML Schema document | Mandatory  The value must be “screenConfig.xsd”. This file is automatically generated by Sage 300 UI Customization Solution Wizard |

##### Examples:



* 1. Control tag format

**Table 3: Control tag format**

|  |  |  |
| --- | --- | --- |
| **Attribute Name** | **Description** | **Requirements** |
| ID | A unique ID for the new control to be added to the web screen | Mandatory |
| Type | The control type. Refer to Table 4 for supported control types | Mandatory |
| Label | The text to be used a the label for the control | Optional |
| MaxLength | The maximum number of characters allowed | Optional   * For TextBox, the default value is 64 if not specified * For TextArea, the default value is 300 if not specified |
| AfterID | The new control will be inserted after the control specified used this ID | Mandatory if BeforeID is not specified  **Note**: Not applicable for controls to be added to a container type of control |
| BeforeID | The new control will be inserted before the control specified used this ID | Mandatory if AfterID is not specified  **Note**: Not applicable for controls to be added to a container type of control |
| Binding | The value is the property name of Sage 300 Data Model or User defined Data Model. It is used for two-way binding. | Optional |

* 1. Supported control types

**Table 4: Supported control types**

|  |  |
| --- | --- |
| **Control Type** | **Description** |
| Label | Can be used to be generate a Label element |
| TextBox | Can be used to be generate a TextBox element in a HTML Form |
| TextArea | Can be used to be generate a TextArea element in a HTML Form |
| Button | Can be used to be generate a Button element in a HTML Form |
| CheckBox | Can be used to be generate a CheckBox element in a HTML Form |
| RadioButton | Can be used to be generate a RadioButton element in a HTML Form |
| DropDown | Can be used to be generate a Kendo UI DropDownList control in a HTML Form |
| DatePicker | Can be used to be generate a Kendo UI DatePicker control in a HTML Form |
| Grid | Can be used to be generate a Kendo UI Grid control in a HTML Form |
| Finder | Can be used to be generate a Sage 300 Finder control in a HTML Form |
| Panel | Can be used to be generate a HTML Panel Container |
| TabPage | Can be used to be generate a Tab Page in a Kendo TabStrip Container control |

* 1. Sample Control Configuration File

OrderEntry\_Settings.XML

