ETCETERA® EPM

Enterprise Process Management

AUI Designer Controls

AUI DESIGNER CONTROLS & PROPERTIES

In ETCETERA® EPM, the Application User Interfaces (AUI) are designed using the Designer Module (*Designer*). *Designer* provides predefined Standard Controls, Advanced Controls, Electronic and Digital Signature Controls, and an extensive array of Control Properties to facilitate rapid and easy prototyping, testing and deployment of solution dialog boxes and on-line applications.

Predefined Standard Controls

Designer includes a selection of Predefined Standard Controls enabling users to accommodate most design challenges using a drag and drop, point and click methodology.

The controls are easy to use and intuitive. All of the programming necessary to manage each field placed on the AUI is already in the control. No programming is necessary for the standard predefined controls used by non-technical people to create AUIs.

Standard configuration attributes of these controls include field naming, data validation, and field presentation.

Predefined Advanced Controls

Designer includes a selection of Predefined Advanced Controls enabling users to implement highly customized features into the AUIs and data capture requirements.

These predefined advanced controls enable data validations (no limit on the number of data sources used per AUI), expression based field completion, dynamic presentation of additional sections or required fields based on rules or conditions applied to other fields and dynamic expansion by the user of sections on the AUI in order to accommodate the exact number of sections and sub sections required in their work (for up to four levels of repeating sections).

Predefined Electronic and Digital Signature Controls

Designer includes Predefined Signature Controls that enable a user to capture either a written signature or a signature using network authentication or ScerIS user authentication.

Signatures can lock or bind to other controls in the Application User Interface (AUI) as determined by the AUI designer. These controls are bound to the other controls in such a way that any change to any data values in the controls will negate the signature.

Written signatures are captured with their biometrics (depending on the capability of the signature pad). Biometrics typically include capturing the user's handwritten signature's strokes, speed, pressure and timing.

Control Properties

Over 75 Control Properties provide for a simple but highly customizable and extensible AUI design process. Control Properties make this a truly rich user experience because they simplify the implementation of predefined controls and AUIs.

Many Control Properties are specific to certain predefined controls, such as "Controls_to_sign" which is a property that lists the Control IDs (representing fields on the AUI) that the signature control is bound to. Many of the Control Properties apply to nearly all controls. AUI designers can specify the Control ID, name fields, select font controls, validate field properties, specify colors and borders, provide tables or views, specify values to output for some controls (like check box controls), specify fields in data sources and much more.

AUI Controls / Properties/ Descriptions

Legend: ✓ in the bottom key = "Advanced Property"

Standard Control = AttachFile … TimeTextBox; Advanced Control = ConditionalPanel … RepeatContainer

AttachFile	Checkbox	CheckBoxList	DateTextBox	Drawing	DropDownlist	DurationTextBox	eDocIDBarcode	ListBox	RadioButtonList	TextArea	TextBox	TimeTextBox	ConditionalPanel	CurrencyControl	DataSourceLookup	ExpressionHandler	RepeatContainer	Signature Control	Property	Description
																		✓	Annotate	Specifies whether an annotation will be placed on the signature image
																		✓	AnnotationSize	Sets the size of the annotation text in pixels
		✓			✓			✓	✓										AppendDataBoundItems	Allows combining static entries and outside data in one control
	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				BackColor	Specifies a background color in the space inside or surrounding the control
													✓						BackImageURL	Contains URL to image used as background for the control
	✓	✓						✓					✓	✓	✓			✓	BorderColor	Specifies a border color in the space surrounding the control
	✓	✓						✓					✓	✓	✓			✓	BorderStyle	Specifies the border type (i.e. Solid, Dashed, None, Etc)
	✓	✓						✓					✓	✓	✓			✓	BorderWidth	Specifies the border thickness in pixels
																		✓	ButtonStyle	Determines the style of buttons associated with the signature control
		✓							✓										CellPadding	The padding between each item
		✓							✓										CellSpacing	The spacing between each item
	✓																		CheckedValue	Specifies the value of the control if the control is checked
															✓				ConnectionString	Specifies the connection string in the web.config used for the lookup
✓																			ControlID_Index_Name	Specifies the UDI in the ScerIS repository folder containing the name of the Attachment File control ID
																		✓	ControlstoSign	Specifies the collection of control IDs that the signature will lock
	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	CssClass	Specifies a CSS class that can be applied to control the style of the control
					✓			✓											DataMember	Specifies the table or view used for binding the control against
		✓			✓			✓	✓										DataSourceID	The control ID of a datasource object that will be used as the datasource
		✓			✓			✓	✓										DataTextField	Specifies the field in the data source which provides the item text
		✓			✓			✓	✓										DataTextFormatString	Specifies a format to be applied to the data text
		✓			✓			✓	✓										DataValueField	Specifies the field in the data source which provides the item value
													✓						Direction	Alignment of border text around conditional panel in GroupingText property
													✓						DisplayMode	Determines how the panel will be displayed on the form
		✓								✓	✓	✓	✓						DynamicPrefill	Choose a predefined system variable to populate the control at runtime
✓																			EDocID_Index_Name	Specifies the name of the UDI in the ScerIS repository folder containing the eDocument ID
✓																			EDocID_Index_Values	A comma separated list of possible doc types for the attached file
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	Enabled	Specifies whether the control can be accessed or not
				✓															EnableTheming	Gets or sets a value indicating whether themes apply to this control.
				✓															EnableViewState	Gets or sets a value indicating whether the server control persists its view state.
						✓													EndControlTimeID	The Control ID of the second TimeBox control used to calculate duration
													✓			✓			Expression	Specifies the control formula (expression) that will be evaluated
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	FieldClass	Controls user permissions for a field
	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				Font	Contains different formatting options for text labels
	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓				✓	ForeColor	Specifies the text color in the space surrounding the control
												✓							FormFormat	Specifies what time format will be displayed to user
													✓						GroupingText	Displays a border with text label around the conditional panel
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓					✓	Height	Specifies the height of the control
		✓			✓			✓	✓	✓	✓	✓	✓						HorizontalAlign	Alignment of text typed within the control
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	ID	Specifies the System Control Name
										✓	✓		✓						isNumeric	Specifies whether the control can only receive numeric values
										✓	✓	✓							IsReadOnly	Specifies if a user can key information into the control at runtime
			✓																isRequired	Specifies if a value must be entered into the control prior to a save/archive
✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓					✓	isRequired for...	Specifies if and when the field must be filled out.
																	✓		MaximumRowNumber	Specifies the maximum number of rows accepted by the repeater
										✓	✓								MaxLength	Specifies a maximum number of characters that can be entered into the control
																	✓		MinimumRowNumber	Specifies the minimum number of rows accepted by the repeater
																✓			OutputTarget	The control ID of the control to display the result of the expression
															✓				PrimaryField	Specifies the Control ID to which the Lookup will be performed from
		✓								✓	✓		✓						RegExValidationExpression	Specifies a regular expression that the information entered into the control must match prior to a save/archive/sign
		✓							✓										RepeatColumns	The number of columns used to lay out the items
		✓							✓										RepeatDirection	The direction in which items are laid out
		✓							✓										RepeatLayout	Specifies the appearance format of the controls items (Table or Flow)
													✓			✓			Rounding	Specifies rounding of the result of the expression
✓																			ScerisRepositoryFolderID	Specifies the number of the ScerIS repository folder number in which attachments are stored
													✓						Scrollbars	Allows using scrollbars to view panel contents if height is limited
															✓				SelectCommand	Specifies the SQL command to run the search
								✓											SelectionMode	Specifies whether a user can select a single item or many items
																		✓	SignatureProvider	Specifies whether the signature field will be using a Topaz Signature pad or a Windows Based Signature
		✓																	SkinID	Gets or sets the skin to apply to the control.
						✓													StartTimeControlID	Specifies the start-time control used to calculate duration
		✓								✓	✓	✓							StaticPrefill	Specifies text to populate the control at runtime
	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	TabIndex	Specifies order in which the control is accessed by tab key presses
✓																			Text	The text appearing on the button of the Attachment control
	✓								✓										TextAlign	Specifies the horizontal alignment of label text
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	Tooltip	Specifies text that appears when a user hovers the mouse over the control
	✓																		UnCheckedValue	Specifies the value of the control if the control is unChecked
✓																			UserDev_Index1_Name	The name of an optional UDI in the destination Repository folder to store the value specified in the UserDef_Index1_Value property
✓																			UserDev_Index1_Value	A value stored in the UserDef_Index1_Name UDI of the destination Repository folder.
										✓	✓								UseSpellCheck	Specifies if spell check should be applied to the information entered into the control prior to a save/archive/sign
		✓																	ValidateRequestMode	Gets or sets a value that indicates whether the control checks client input from the browser for potentially dangerous values.
	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓			✓	Visible	Specifies whether the control can be seen or not
	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				Width	Specifies the width of the control
													✓						Wrap	Specifies if panel contents will wrap when displayed at runtime.
												✓							XmlFormat	Specifies what time format will be stored in the database
												✓							ZeroFill	Determines if displayed value decimal places should be zero padded

Key: ✓ = Advanced Property

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