Mainly to introduce the new functions of this version

Delta SCADA Software

DIAView SCADA Rev4.2.0

Delta Electronics, Inc.



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Upgrading Function Introduction

1. New WindowNavigationMenu Control

The WindowNavigationMenu control supports both horizontal and vertical arrangements. It manages the menu through a hierarchical structure and allows setting menu names, icons, Security, background colors, fonts, etc.





StartPage Window0 ×	Project 🗸 🕂 🗙
	 NewProject1 IO Device Variable Dictionary Struct Data Type Window Window0 Web Window Project Object
Menu1 Menu2 Menu3	Property
	Appearance Direction Horizontal MenuConfig MenuStyle FillColor BorderColor FontColor Opacity 1.00 Font 20px,Micros Prope Anim. Event Exten.

Direction: Navigation menus can be arranged horizontally and vertically, with horizontal menu items arranged from left to right and vertical menu items arranged from top to bottom.

MenuConfiguration: Used to set the menu hierarchy, and set the name, icon, safe area, opening window and opening mode of the window for each menu. The configuration window is as follows:

Menu Configuration		×
Menu1	Name:	Menu1
Menu2	lanni	
Menus	Icon:	
	Security:	
	Window opening mode:	Open Window Close Ot 👻
	Windows:	
		OK Cancel

The five buttons below the tree structure on the left are, from left to right, Add Menu, Delete Menu, Adjust Menu Position Up at the Same Level, Adjust Menu Position Down at the Same Level, and Add Submenu. Sub-menu can add up to 5 levels.



Name: Sets the display name of the menu in the control, supports the extraction of multilingual resources, and is convenient for multilingual switching.

Icon: Set the icon of the menu. When the icon is configured, the name display will automatically move to the right, leaving the icon position. The effect is shown in the following figure: Menu 1. The configured icon is deleted by the right X.

Menu Configuration		×
Menu1 Menu2	Name:	Menu1
Menu3	lcon:	\Image\1234.jpg X
	Security:	
	Window opening mode:	Open Window Close Ot v
	Windows:	
		OK Cancel

Security: Configure the safe zone for the current menu. If it is not configured here, it will be consistent with the safe zone at the property of the navigation menu control. When the hierarchy of the menu is at the parent node and configuration is not supported, it will be grayed out.

Window opening mode: There are two ways to open a window: opening a window and closing the window. The setting here is set by the opening mode of the lower window. When it is set to open the form, the window configured by the lower window will be opened when this menu is operated at runtime, and other windows will not be closed. When it is set to open the form and close others, this menu will be operated at runtime, and other windows will be closed except the window configured by the window.

Windows: Set a list of windows that will be opened at running. Click on the right \square to configure a single window or multiple windows to be opened. The order of opening is from top to bottom in the list, as shown in the following figure. Open **Window** $3 \rightarrow$ **Window** $1 \rightarrow$ **Window** 2 in turn. When the hierarchy of the menu is at the parent node and configuration is not supported, it will be grayed out.



🚯 Select window			_		×
Window List:	> >> 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Selection List: Window3 Window1 Window2			
			OK	Ca	incel

MeunStyle: Set the local style of the menu and the selected style at runtime, such as line height, column width, icon size, icon margin, selected background color, foreground color, selected line height, selected icon size, selected font size, etc., as shown in the following figure:

ColumnWidth 120 ConSize 24 ConMargin 3 Selected Style SelectedBackgro SelectedBackgro SelectedForegro SelectedRowHigh 70 SelectedIconSize 32 SelectedFortSize 24	•	60	2↓ Local Style RowHeigth			eview	Effect Pre
IconSize 24 IconMargin 3 Selected Style SelectedBackgro SelectedForegro SelectedForegro SelectedRowHigh 70 SelectedIconSize 32 SelectedFortSize 24		120	ColumnWidth				
Menu1 Menu2 Menu3 Selected Style Selected Backgro SelectedForegro SelectedRowHigh SelectedIconSize 32 SelectedFortSize 24	▲ ▼	24	IconSize				
Menu1 Menu2 Menu3 Selected Style Selected Backgro SelectedRowHight 70 SelectedIconSize 32 SelectedFortSize 24	•	3	IconMargin				[
SelectedBackgro SelectedForegro SelectedRowHight SelectedIconSize SelectedFontSize SelectedFontSize			Selected Style	Menu3	lenu2	Menu1	
SelectedForegro SelectedRowHight 70 SelectedIconSize 32 SelectedFontSize 24	•		SelectedBackgro				
SelectedRowHight 70 SelectedIconSize 32 SelectedFontSize 24	•		SelectedForegro				l
SelectedIconSize 32 SelectedFontSize 24	•	70	SelectedRowHight				
SelectedFontSize 24	• •	32	SelectedIconSize				
	•	24	SelectedFontSize				

2. New AuditViewer Control

New AuditViewer control enables quick querying of electronic signature information on the client side. Users can focus their queries based on operation type and query time, and can export, print, back up electronic signature data.







All 🝷	📯 Custom	• 🗟 💈] 🚔 🛸 🖻			÷
Confirm Time	Login User	Target	Operator	Operator Comme	Verifier	Verifie
		1.4				
Record quantity:0	20 [×] rows/pa	age 📕	No. 1	Page Total 0 page	es	G

Operate Type Filter: All Select the operation type from the drop-down menu to query data,

multiple selections are not supported.

All - 😪	Custom	- 🗟 🔨	🗎 🚔 📑			÷
All	ogin User	Target	Operator	Operator Comme	Verifier	Verifie
Operate Variable	-					
Recipe Write						
Recipe Save						
Operate Window						
Exit Application]					

Set query time: When set recent query time is custom user can set self-defined query range.



🗞 Query Time Setting 🛛 🗙							
Time Setting							
StartTime:	StartTime: Saturday, November 9, 2 🗲 💌						
EndTime:	Monday, December 9, 2(🔷 🔻						
Reset							
	OK Cancel						

Set recent query time: Custom Set the query time range: recent one hour, recent one day, recent one week, recent one month, recent three months, recent six months, recent one year, recent three year, custom.

All	- 😪	Custom 🝷 🗟	1	≜ ≩ ₿			Ŧ
Confirm Time	Los	Custom		Operator	Operator Commo	Varifiar	Vorific
Committe	LUg	NearestOneHour		Operator	Operator Comme	vermer	venne
		NearestOneDay					
		NearestOneWeek					
		NearestOneMonth					
		NearestThreeMonth					
		NearestSixMonth					
		NearestOneYear					
		NearestThreeYear					

Query: 🔍 The electronic signature records are displayed in 14 columns based on the current configuration.

The details of each column are as follows:

Field Name	Description	Remarks
Confirm Time	Time of electronic signature action	
Login User	The current user name of DIAView when the electronic signature action occurs	When no user logs in, Is Null
Target	Electronic signature action processing object	when no signature, Is Null
Operator	Name of the operator when signing	
Operator Comment	Note content written by the operator when signing	when no signature, Is Null
Verifier	The name of the verifier when signing	when no signature, Is Null
VerifierComments written by the verifier whenCommentsigning		when no signature, Is Null



Operate Type	There are fixed categories: User Management Operate Variable Recipe Save Recipe Write Operate Window Alarm Acknowledge Exit Application	
Signature Type	Fixed three types: No Signature Operation Signature Operate And Verify Signatures	
Old Value	Old value of operation variable	Only "operation variable" has value display, and other operation types record N/A
New Value	New value of operation variable	Only "operation variable" has value display, and other operation types record N/A
Signature Description	Operate Variable: The "Description" information in the corresponding operation variable table User Management User Login User Logout Recipe Save Recipe Write Alarm Acknowledge Window open Window close Exit Application	
Source	Client computer name	
IsValid	Judge whether the queried record field has been tampered with. There are two types of values: Valid, Indicates that the data is valid and has not been tampered with Invalid, Indicates that the data is invalid and has been tampered with	



Display settings: Select the column that needs to be displayed. If it is checked, it indicates that the column is displayed. If it is not checked, it indicates that the column is not displayed. set the width of the column, the display position, and the format of the date and time.

Print all electronic signature records in the current AuditViewer. A maximum of 1000 records Print: can be printed at a time.

Export the electronic signature records of the current page in Excel Export current page data: 2007(*.xlsx) format.

Export all electronic signature records in the AuditViewer in Excel 2007(*.xlsx) format. Export all data : 💻 A maximum of 65535 records can be exported at a time.

Backup:

Support manual backup and automatic backup. Click Backup button. The Backup Management page is displayed. You can manually perform backup. The execution records of the last backup and the time of the next automatic backup are displayed in the backup plan.

roj	ect File D:\Document1\D	Demo\Demo.project	Refre		
Bac	kup Schedule				
as	st Execution Record:				
	Last Run Time	Last Run Result Description	Next Run Time		
1	2022/11/04 17:04:58	Backup successful	2022/11/05 16:20:21		
Bad	ckup Now				

Statusbar:

Record quantity:125 20 × rows/page No. 1 Page Total 7 pages
--

When the queried electronic signature record information is relatively large, it will be displayed in pages. You can switch the page by clicking [4, 4, b], [5, 5] button, or you can directly click the page number to jump to the corresponding page.

Number of page display: The number of page display can be switched through the drop-down menu, which is "20", "50", "100".



3. New PDFViewer Control

New PDFViewer Control provides comprehensive PDF reading capabilities. It supports encrypted PDF documents, with preset PDF paths and passwords during development, and loads PDF documents at runtime. It includes page navigation functions such as previous and next page, page number input for quick jumps to specified pages, and keyword search with options to distinguish case sensitivity, and perform fuzzy matching. It also supports highlighting search results, enabling users to read PDF documents more efficiently.







BorderColor: Sets the border color of the PDF viewer, which is gray by default.

BorderLine: Set the border width of the PDF viewer, the range is 0-10, 0 means no border, and the default value is 1

PDF Path: Select the storage path of the PDF document to be displayed, and only the local path can be used.

Password: The password of the PDF document, if the PDF document has a password, after the file password is correctly filled in here, run the project, the PDF viewer can directly open and display the content of the document. If the password is not filled in correctly, after running the project, the PDF viewer will pop up the password input box again, and the user can still open the PDF document under the specified path after filling in correctly; If the PDF document does not have a password, whether to fill in the password here, after running the project, the PDF viewer can directly open the display file, and the password filled in here is meaningless

Display toolbar: Whether to display the toolbar, check to show it, otherwise it is hidden, and the default is display

ToolbarIcon: There are three types of icons to choose from: large, medium, and small, and the default is medium.

Explanation: The PDF viewer does not support multi client use. The specified PDF file path only supports local files. If copying the project to another device, the filled PDF document must be copied and placed in the same path for normal use.

4. New InlineFrame Control

InlineFrame allows users to display multiple window screens within the current window and interact with multiple windows simultaneously without closing the current window.







Element	Description			
InLineWindow	Select a window, and the selected window will be displayed within an inline box. Click the button on the right side of the InLineWindow, and a selection window will pop up as shown in the following figure.			
AutoSize	Configure whether the windows within the InLineFrame are adaptive to the size of the InLineFrame.			
ScrollBar	When AutoSize is not selected and the window selected by the InLineFrame exceeds the size of the InLineFrame, a scrollbar is displayed. There are four ways to scroll the scrollbar, which are Auto, Horizontal, Vertical, and Disabled.			
Auto	If the horizontal or vertical direction of the window exceeds the size of the InLineFrame, the corresponding scrollbar will be displayed.			
Horizontal	When the horizontal direction of the window exceeds the size of the InLineFrame, a horizontal scrollbar will be displayed.			
Vertical	When the vertical direction of the window exceeds the size of the InLineFrame, a vertical scrollbar will be displayed.			
Disabled	No scrollbar will be displayed regardless of whether the window exceeds the size of the InLineFrame.			



Window List:
Window1 Window2 Window3 Window4
Window1 Window2 Window3 Window4
Window2 Window3 Window4
■ Window3 ■ Window4
TWindow4
OK Cancel

5. New Layout

Custom Panel is a component panel that is freely defined by users and used to display in a window. It is a standardized window object that is centrally created as a type in a project. When window objects duplicate and similar, using panels to complete a one-time object design can reduce project configuration work by using panels in multiple windows, and instances can be centrally changed through panel types.

New Layout: Create a blank layout with a default name

Right click on the Layout node in the tree directory of the engineering webpage window, and click on the New Layout item in the right-click menu, as shown in the following figure:



Project		- ₽ ×
 Demo IO Device Variable Dia Struct Data Window Window Web Window Layout 	ctionary Type 0 w	
Custon Custon Report Alarm Author Callectro Con Callectro Con	New Layout Paste Export Layout Import Layout Extract Multi Language	Ctrl+V
Project Object		

After clicking New Layout, the system will generate a layout sub node with a default name under the Layout node, and open the newly created layout in the canvas workspace, as shown in the following figure:





Paste: Paste the copied layout under the Layout node, select the layout node, right-click, and click the Paste item in the right-click menu. As shown in the following figure:



Project •	+ -	×						
🔺 💼 Demo								
Hereice								
🍵 Variable Dictionary								
🕂 Struct Data Type								
▲								
window0								
🔁 Web Window								
🔺 📘 Layout								
📆 Lay 🔂 New Layout								
Custon Daste Ctrl+V								
🔀 Report 🛃 Export Layout								
🗈 📢 Alarm 📑 Import Layout								
Author Extract Multi Language								
E General Action of the second sec								
Recipe								
▷ 🔢 Script								
Database Access								
▷ 🥋 3rd Party Access								
Þ 😡 Global								
Note: Configuration								
Project Object								

Export Layout: Export the layout to the specified location, select the layout node, right-click, and click the Export Layout item in the right-click menu. The export layout will pop up normally. As shown in the following figure:



Project		- ₽ ×					
🔺 🛐 Demo							
HIO Device							
营 Variable Dictionary							
🕂 Struct Data	Туре						
▲ [™] Window							
💽 Window	D						
🔁 Web Windo	W						
▲ Layout	New Layout						
Layo V	Daste	Ctrl+V					
Custom	Export Layout	Cuity					
Report							
P 🕂 Alarm	Import Layout						
🖻 🔒 Authori 🛅 🛛 Extract Multi Language							
Electronic Signature							
History Variable							
Recipe							
Script							
En Database A	ccess						
Sind Party Ac	cess						
🖻 🤡 Global							
interview Construction	figuration						
Project Object							

🚯 Layout Export	– 🗆 X
Export Layout Path:	
Layout List:	Export List:
Layout0	>
	>>
	<
	<<
	OK Cancel

Element Description



Export Layout Path	Specify the location of the layout to export
Layout List	Display all layouts under the project
Export Layout List	Show all layouts to export
>	Add the selected layout from the layout list to the export layout list
>>	Add all layouts in the layout list to the export layout list
<	Remove the selected layout from the export layout list
<<	Remove all layouts from the exported layout list

Import Layout: Import the layout to the Layout node, select the Layout node, right-click, and click the *Import Layout* item in the right-click menu. The file selector will pop up normally, select the path where the exported layout is located, and select the layout file import in the path.

Extracting Multi Language: Extract control text from all layouts under the project into multilingual resources. In the engineering tree directory, select the Layout node, right-click, and click the Extract Multi Language item in the right-click menu. A prompt box will pop up indicating whether to confirm the extraction of multiple languages. Click the OK button to extract multiple languages. As shown in the following figure:



Open layout

When creating a new layout, it will automatically open in the canvas workspace;

If a layout already exists under the Layout node, it can be opened by double clicking on the sub node of the Layout to be opened. The drawing board workspace can open multiple layouts simultaneously, as shown in the following figure:



🗑 🖶 🛃 - 崎 🖓	DIAView Development Environment	- 🗆 ×
File Start View	Extension	۵ 👔
New Open Run Project Copy Clipboard	Image: Align Left asset Image: Align Cope asset Image: Distribute Vertical Horizontal Horizontal Align Riddle Image: Distribute Vertical Horizontal Horizontal Align Riddle Image: Distribute Vertical Horizontal Horizontal Ridgle Image: Distribute Vertical Horizontal Horizontal Ridgle Image: Distribute Vertical Horizontal Horizontal Ridgle Image: Distribute Vertical Horizontal Ridgle Image: Dis	nable Pan 66 - Find and Replace Edit
Toolbox - 4 ×	StartPage Window0 Layout0 Layout1 Layout2 Layout3 x	Project • म ×
	Tuesday, September 10, 21 V HistoryChart0 00 100 100 100 101 101 101 10	Commo Constant Device Variable Dictionary Astruct Data Type Window Web Window Web Window Web Window Coupont Cayout Cayou
HistoryColumnChart	05:00:00 10:00:00 15:00:00 20:00:00	▲ Base
Second Box	Date i meAxis	Appearance Layout3
AlarmWindow		Background
😣 ScrollAlarm		DisplayGrid 4 Lavout
Toolbox Gallery		Property Animation Event Extension

Close layout

There are multiple ways to close the layout:

Method 1:

In the canvas workspace, to close the open layout, click on the " \times " to the right of the layout name.

um i 🛏 🔚 🔹 🖬 🖓			DIAView Developn	nent Environment				- 0	×
File	View Extension							6	0
New Open Run Project	Cut Copy Paste	n Left h Center h Right 111 Align Middle Arrangement ₹ Distribut H Distribut Arrangement	e Vertical e Horizontal nter Same Wic Same Wic Same Wic Same Wic Same Wic Same Size	th ght Ungroup Group	Layer Rotation	Canvas	nable Pan % ~ Find and Replace Edit		
Toolbox		Window0 Layout0 Lay	rout1 Layout2	Layout3 ×		•	Project		• ‡ ×
Basic Graphics Window Controls Extended Control						^ .	Demo BIO Device Variable Dictiona Astruct Data Type	ary	^
Pointer				т	uesday, September	10, 2(Window Window0 Web Window 		
RealtimeChart		- I 🛠 🖻 🖬 🗕 (Custom -				⊿ 📘 Layout		
HistoryChart		HistoryCl	art0	-			Layout0		
TrendChart		100 - 100 -					Layout1 Layout2 Layout3 Custom Panel Report Salarm Project Object		v
PieChart3D		20					Property		₹ ‡ ×
ColumnChart							21		
HistoryColum	Chart	05:00:00 10:00:00	15:00:00 20:00:00				⊿ Base		^
RecordBox		DateTi	neAxis				Name La	yout3	
AlarmWindow	v «					· · ·	Appearance Background DisplayGrid Layout Property Animation Ex	vent Extensi	ion

Method 2:

In the drawing board workspace, right-click on the open layout name bar and select the close method (3 options):

- (1) **Close**: Close the current layout
- (2) Close All But This: Close all other layouts except the current one



(3) **Close All**: Close all layouts

🗑 📑 🛃 - 崎 G					DIA	View Developmer	t Environment						_		<
File Start	View	Extension												ء 🕜	
New Open Run Project	Cut Copy F	Paste Align L ♣ Align C ♣ Align R	eft III Align To Center H Align M tight III Align Bo Arran	iddle H Distr Sam	ibute Vertical ibute Horizontal e Center	Same Width	Group Ungroup Group	Layer	Rotation	Show Ruler Enable Snap Car	1009 1009	6 Find and Replace Edit			
Toolbox	≁ † ×	StartPage	Window0	Layout0	Layout1	Layout2	Layout3 ×				•	Project		- ù	×
Basic Graphics								Close			^	▲ Demo			^
Window Controls								Close Al	l But This			Tariable D	ictionary		
Æ Extended Controls								Close Al	I			Struct Data	і Туре		
Pointer												Window Window	v0		
RealtimeChart			X 2		Custom	-		uesday,	september	10, 20		▲ Layout	UW		
HistoryChart			100-	Histor	yChart0	_	•					Layout) 1		
TrendChart			90									Layout	2		
📈 XYChart			80 - 									Custom Pa	nel		
🏑 CustomChart			XVIE 60									Report			
🕞 PieChart			40									Authority			~
PieChart3D			Z 30									Project Object	_		
ColumnChart			10									Property		• 4	×
HistoryColumn	Chart		0	05:00:00 10:0	0:00 15:00:00	20:00:00						▲ Base			^
RecordBox				Da	teTimeAxis							Name	Layout3		
AlarmWindow												 Appearance Background 			
(a) ScrollAlarm												DisplayGrid	-		1
-	~										~	 Layout 			~
Toolbox Gallery		۲.									>	Property Animatic	n Event	Extension	

Design of Layout

Double click on the newly added layout to enter the layout design interface, which is common to the window editing interface and the same as traditional window object editing methods.

The main form of the layout supports grid, adsorption, translation, zooming in and out, and the supported properties are as follows:

(1) Basic: Name, Grid Display, Background;

Name: The name of the layout. The name of the layout node in the project directory tree is consistent.

Background: Set the background color of the layout palette, with fill styles such as monochrome, pattern, image, gradient brush, radial brush, etc.

Grid Display: Whether the layout drawing board displays grid lines to facilitate the alignment and arrangement of graphic object positions during graphical interface development. The grid is only visible in the development environment and not visible during system operation.

(2) Layout: size, location;

Size: Set the width and height of the layout in pixels.

Location: Set the position where the layout is displayed at runtime.

(3) No Animations, Events, Extensions.



Property	- म ×					
21						
▲ Base						
Name	Layout3					
Appearance						
Background						
DisplayGrid 🗸						
▲ Layout						
Size	1536 , 960					
Location	0 , 0					
Property Animation Event Extension						

Layout supports the use of basic graphics, window controls, extended controls, and shortcut controls. The use of panel instances is not supported. When dragging and dropping unsupported controls from the panel, the prompt The Layout object cannot be added to the panel will appear. As shown in the following figure:



When manipulating objects in the layout, the supported functions are the same as traditional window object operations, including alignment, arrangement, layer, rotation, flipping, and combination. The combined graphics in the layout still support extended attributes. As shown in the following figure:



🖗 🗐 🚰 - 🖹 G	DIAView	Development Environment	
File Start View Extension			
Rew Open Run Open Run Cut Copy Paste	ter at Align Middle Distribute Vertical Distribute Vertical Align Middle Same Vertical Distribute Horizontal Same Height Same Size	Group Sing to Front Bring Forward Ungroup Send to Back Send Backward Rotati	ion Enable Snap 100%
Project Clipboard	Arrangement Size	Group Layer	Canvas
Toolbox • I × StartPage	Layout3 ×		•
ab Button			
CheckBox			
∋o ComboBox		······································	
A Label		Tuesday, September 10, 21 🗢 🔻	
abl TextBox	📑 💐 🌾 📳 🐳 🔚 🚊 📯 Custom 🔹	Cut	Ctrl+X
** ParswordPox	HistoryChart0	Copy	Ctrl+C Ctrl+V
	90	Multiple Copy	
Discrete indicator		Delete	Del
AnalogIndicator		SelectAll	Ctrl+A
23, DateTimePicker		Arrangement	
23 DatePicker	ž 30	H Size	•
31 Calendar	10	Layer	•
🚵 Image	05:00:00 10:00:00 15:00:00 20:00:00	Rotation	,
GIFImage	DateTimeAxis		
Panel			
8. NixieTube			
CurvedRuler			
Table			
[II] UniBarcode			
(BB) QRCode			
Extended Controls			
P Quick Controls			
Toolbox Gallery <			>

Layout Copy

In the tree directory of the engineering Layout, select the layout node to be copied, right-click, and click the Copy item in the right-click menu (save the layout before copying), as shown in the following figure:



To paste, click on the root node of the Layout, right-click, and click Paste in the right-click menu, as shown in the following figure:



Project		~ t	١×					
🔺 🛐 Demo								
HIO Device								
👛 Variable Dictionary								
🕂 Struct Data 1	Гуре							
▲ [™] Window								
💽 Window()							
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⊿ Layout	N I I							
🖪 Layo 🔽	New Layout							
🖪 Layo 📘	Paste	Ctrl+V						
🔤 Layo 🗹	Export Layout							
🔤 Layc 🛃	Import Layout							
Custom 📷	Extract Multi Language							
X Report								
▷ Image: Alarm								
Authority								
Electronic Signal	gnature							
V Wistory Varia	ible							
Recipe								
Script	Script							
Database Access								
▷ 👷 3rd Party Access								
D 🔮 Global								
S Project Conf	iguration							
Project Object								

Delete Layout

In the tree directory of the engineering Layout, select the layout node to be deleted, right-click, and click the Delete item in the right-click menu, as shown in the following figure:



Project		•	џ×
 Demo Device Variable Diction Struct Data T Window Window0 Web Window0 Layout 	ionary ype /		
 Layc Layc Layc Custom Custom Report Kalarm Authority Electronic Sig History Varial Recipe Script Script Database Acco 3rd Party Acco Global Project Confid 	Copy Delete Rename Extract Multi Language Property	Ctrl+C Del	
Project Object			

Layout Rename

In the tree directory of the engineering Layout, select the layout node to be renamed, right-click, and click the Rename item in the right-click menu. The layout name will become editable and enter a new layout name, as shown in the following example:





Layout Extract Multi Language

Extract the control text in the layout into multilingual resources. In the tree directory of the engineering Layout, select the layout node to be operated on, right-click, and click the Extract Multi Language item in the right-click menu, as shown in the following figure:

Project		- ₽ ×					
🔺 🛐 Demo							
🁛 Variable Diction	ary						
🕂 Struct Data Type	9						
4 🚍 Window							
💽 Window0							
🚍 Web Window							
🔺 📘 Layout							
Tayout0							
💽 Layout1 📃	Сору	Ctrl+C					
💽 Layout2 😢	Delete	Del					
🔤 Layout3 📺	Rename						
Custom Pa 📷	Extract Multi Language						
🔀 Report 📑	Property						
▷ 🕂 Alarm							
Authority							
Electronic Signat	ture						
V General History Variable							
Recipe							
Script							
E Database Access							
Sind Party Access	i						
D 🥪 Global							
igur Sproject Configur	ation						
Project Object							

Layout Properties

The layout properties display information such as the creator, creation time, modifier, modification time, and version of the layout. The creator, modifier version, and description can be customized by the user, and the creation time and modification time cannot be changed. In the tree directory of the engineering layout, select the layout node to be operated on, right-click, and click the "Properties" item in the right-click menu, as shown in the following figure:



Project		₹ ₽ ×		
🔺 💼 Demo				
HO Device				
🁛 Variable Dictiona	ry		🚯 Property	
🕂 Struct Data Type				
✓			CreatedBy:	test
Window0			CreationTime:	2024-09-10 14:25:07
Web Window				
Layout			ChangedBy:	test
Layout1	Сору	Ctrl+C	ChangeTime:	2024-09-10 15:39:41
🖪 Layout2 😣	Delete	Del	Version:	0.1
🔼 Layout 3 📺	Rename			
Custom Par 🍵	Extract Multi Language		Description:	
Report	Property			
🛚 🕂 Alarm	Topolog			
🖻 🛃 Authority				
🖻 🗾 Electronic Signatu	ure			
🖻 🕒 History Variable				
Recipe				
Script				
🗟 Database Access				ОКС
Sind Party Access				
🖻 🎯 Global				
Project Configura	ition			

Application of Layout

Enter the screen window interface and click on "Property" \rightarrow "Basic" \rightarrow "Layout", a selection layout interface will pop up, as shown in the following figure:

	DIA	View Development Environment				×
File Start View Extension						a 🕜
New Open Run	Left III Align Top E Distribute Vertical	Same Width	Bring to Front Bring Forward Send to Back	Rotation	Show Ruler 🖑 Enable F	an 🖑
Align	Right III Align Bottom 🤄 Same Center	H Same Size		÷	0	•
Project Clipboard	Arrangement	Size Group	Layer		Canvas	
Toolbox • # X StartPage	Window0 x			*	Project	• + ×
èð Button ✓ CheckBox					Variable Dictiona	ry
ComboBox					▲	
A Label					Window0	
abl TextBox					■ Web Window	
					Layout0	
PasswordBox					Layout1	
 DiscreteIndicator 					Layout2	
AnalogIndicator					Custom Panel	
21 DateTimePicker					Report	
					D 📢 Alarm	
23 DatePicker					Authority	
31 Calendar					Project Object	ile -
🔏 Image					Property	≁ # ×
GIFImage					21	
					▲ Base	
Panel					Name Windo	w0
8. NixieTube					WindowType Defau	lt ~
CurvedRuler					Layout	
Table					 Appearance 	
F -3					Rackaround	
[III] UniBarcode					DisplayGrid	
្ត្រីឆ្លឺ QRCode					Electronic Signature	
Extended Controls					▷ Layout	
Toolbox Gallery <				>	Prope Anim Event	Exten





Element	Description
Layout List	Display all layouts in the project
Selection List	Layout to be referenced
>	Add the selected layout from the layout list to the selection list
>>	Add all layouts from the layout list to the selection list
↑↑	Place the layout at the top
↑ (Move the layout up
Ļ	Move the layout down
ţţ	Place the layout at the bottom
<	Remove the selected layout from the selection list
<<	Remove all layouts from the selection list

Select the layout in the layout list, click OK, window reference layout successful, list the layouts referenced in "Property" \rightarrow "Basic" \rightarrow "Layout".



Button CheckBox ComboBox A Label Mit TexBox DiscreteIndicator Device DiscreteIndicator DateTimePicker DateTimePicker DateTimePicker Trusday, September 10, 2 Tussday, September 10, 2 Tusyout Tussday, September 10, 2 Tusyout Tussday, September 10, 2 Tusyout T	Toolbox - 무 >	StartPage	Window0 x	Project 👻	μ×
			Tuesday, September 10, 21	Como Constant Section Constant Section	↓
Extended Controls Layout	Extended Controls			▷ Layout	

6. New enable maintain alarm time function

This feature ensures accurate recording of alarm trigger times after system reboot.

StartPa	age	A	arm Con	figurat	ion x	•
Email	Sound	SMS	Wechat	IFTTT	Message Window	Advanced
Ena Note: Set w When restart, alarm a This p	able ma hether h the ala , the las activatio process	intain to reta arm is it alarr ons be only t	alarm tim not resto n activatio long to th races the	arm act red, the on time ne sam alarm o	ivation time. e system will be shut e will be retained and e alarm event. occurrence time with	t down. If the alarm is still active after the next ad displayed. This process determines that the two hin 24 hours.

By checking the box before Enable maintain alarm time, you can set whether to keep the alarm activation time, so as to ensure that the system is shut down within 24 hours. After restarting, any alarms that have not been restored will still be triggered at the time before the system was shut down.



Note: The checkbox before Enable maintain alarm time is unchecked by default. In this state, after restarting the system, the alarm trigger time is updated to the system restart time. If the user needs to remember the triggering time before restarting the system within 24 hours, they need to set it to the selected state by themselves.

7. New state display animation of checkbox

This feature links the checkbox state with the value of the bound switch, providing a dynamic visual representation.

Step1. Open the window to configure animation in the project in the development environment of DIAView configuration software \rightarrow select the graphic object to configure animation in the drawing board \rightarrow open the Animation window \rightarrow select State Display \rightarrow click the button in the State Display column, as shown below:





🚯 State Display		×
Variable:		
		Clear
Input and output:	☑ Enable Input	
	ОК	Cancel



The meaning of each setting in the configuration window is as follows:

Variable: Enter an Variable, or click the button to open the variable browser to select a variable. The Clear button clears the contents of the input box.

Input and output: Support setting Enable Input, default checked; Check the Enable Input, it means that when operating on the CheckBox, True or False will be assigned to the bound variable, when the value of bound variable changes, the state of CheckBox synchronously changes. Uncheck Enable Input, it means disallow operation on the CheckBox, when the value of the bound variable changes, the status of the checkbox will synchronously change.

Step 3: After inputting variable, as shown below:

🐞 State Display		×
Variable:	Var.Variable	 Clear
Input and output:	✓ Enable Input	OK Cancel

Step 4: After configuration, click *OK* to complete the animation configuration of *State Display*. The configuration information of this graphic animation will be displayed in the *Animation* window, as shown below:



Animation - 4 ×					×	
4	Visibilit	ty				
	Visibil	lity				
	Blink					
4	▲ State					
	State	Display	Var.Var	iable		
⊿ Move						
	Horizo	ontalMove				
	Vertic	alMove				
	Discre	eteMove				
▲ Skew						
	Horizo	ontalSkew				
	VerticalSkew					
	HorizontalDiscre					
VerticalDiscreteS						
Proper A		Anima	Event	Extens		

To delete the animation, simply select the animation in the animation list and then right-click the mouse and select Delete.