

Advantech SE Technical Share Document

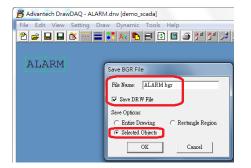
Date	2019/01/8				
Category	■ FAQ □ SOP	Related Product			
	Driver Tech Note				
Abstract	Popup a warning message when an alarm is triggered				
Keyword	WebAccess/SCADA, View, ViewDAQ, Popup, DSP				
Related OS	Win7, Windows Server 2008 / 2012 / 2016, Win10				
Revision History					
Date	Version	Author	Reviewer	Description	
2019/1/8	V1.0	Alger	Nick.Liu		

Problem Description & Architecture:

This document describes how user can create a pop-up warning screen when an alarm is triggered.

Brief Solution - Step by Step:

- 1. To create a popup screen
 - DrawDAQ -> new DRW -> use Text object to create a message.
 e.g. ALARM
 - Save both BGR and DRW by using "Selected Objects"; save file as Alarm.bgr and alarm.drw



2. Open alarm.bgr In ViewDAQ

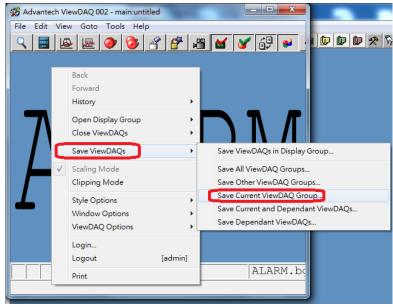
Move mouse in alarm.bgr and click right button of mouse, then select "Login" to login





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- 3. Again, move mouse cursor in the alarm.bgr and then click right button of mouse
 - Save ViewDAQs -> Save Current ViewDAQ Group



4. Save Display Group File name as "Alarm.dsp" Once save, user may close ViewDAQ

Save Current ViewDAQ Group					
Display Group File:					
ALARM.DSP					
OK	Cancel				

- 5. Let's use script to run alarm.dsp
 - DrawDAQ -> open "main.drw" -> Set Graph Parameter -> On Entry
 - Create a new TCLScript e.g. active_scrloop.scr

Madvantech DrawDAQ - main.drw [demo_scada]		
File Edit View Setting Draw Dynamic Tools He	lp	
◩ਫ਼ਜ਼ਜ਼ਲ਼੶੶ਜ਼੶੶ੑੑੑੑੑੑੑ੶੶ਜ਼	1 5 1' 1' ,# ,# # 0 0	
Graph Paramete e		
Description:	2.vbs read Txt.vbs	
Up Link Graph	read Txt1.vbs read Txt1.vbs	
Down Link Graph	sam2_read_1_new.vb SQLCLEAR.vbs SQLCONNECT.vbs	
Local Tag File: Edit	SQLCREATE.vbs = SQLDELETE.vbs SOLDISCONNECT.v	
Local Script File	SQLINSER T.vbs SQLSAVE.vbs	Script Configuration - active scrloop.scr
On Entry: active_scrloop.scr Edit	SQLSELECT.vbs	
While Showing:Edit	almlogToIVS.js	Script File: active_scrloop
On Exit: Edit	JStest.js SAVE_CSV.js SQLCLEAR.js	🕫 TelScript 🔿 VBScript 🦳 JScript
Key Mapping File: Edit	SQLCONNECT.js SQLCREATE.js SQLDELETE.js	SETVAL alarm1.VIEWVA=0
Background Image File: On	SÕLDISCONNECT. js SÕLINSERT. js SÕLSELECT. js	SCRLOOP alarm_popup.scr,10.0,0



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Active_scrloop.scr (by using scrloop function, this script will run in all bgr pages) SETVAL alarm1.VIEWVA=0 SCRLOOP alarm_popup.scr,10.0,0

Note: please refer to user manual about how to use SCRLOOP and SCRSTOP

6. Alarm_popup.scr

Explanation: if alarm1 alarm is trigger and unacknowledged, then trigger alarm.dsp popup screen. To avoid alarm.dsp only popup once, user may use "VIEWVA" to control it.

```
if {[GETVAL alarm1.ALMST]==1&&[GETVAL alarm1.VIEWVA]==0} then {
BWSPOOL <popup>
DSPPOPUPDEP alarm.dsp
SETVAL alarm1.VIEWVA=1
}
if {[GETVAL alarm1.ALMST]==0} then {
SETVAL alarm1.VIEWVA=0
```

```
}
```

```
Reference:
```