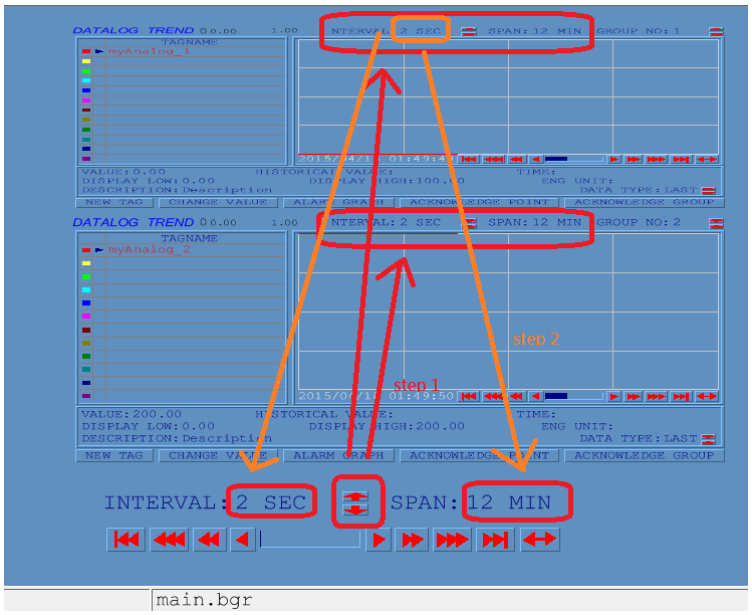
Controlling Multiple Trends in BGR

Scenario: User inserts two Datalog Trend to main.bgr. As we all know, there will two video display objects that each of them will have on Datalog Trend in it.

Result Explanation:

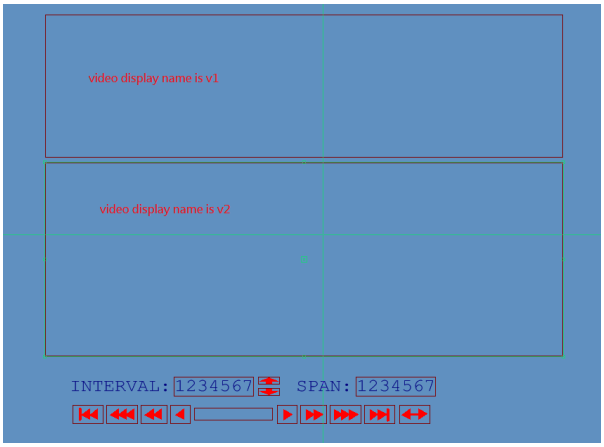
Step 1: User click up or down button, the loopplus or loopminus will send to two datalog trend in video display.

Step 2: Then Interval and span values in datalog trend will pass back to bgr page (main.bgr in this case).

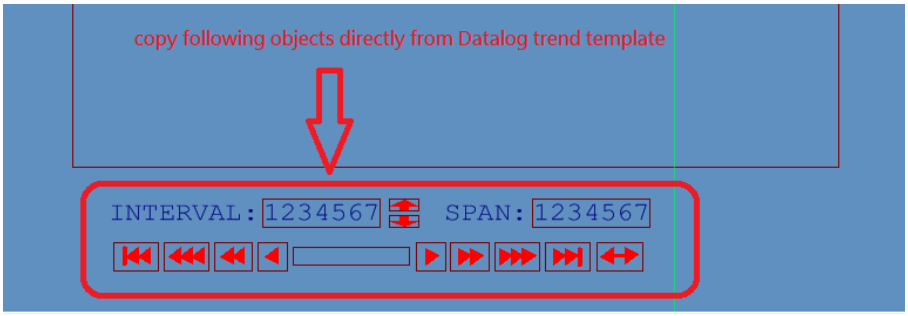


Solution:

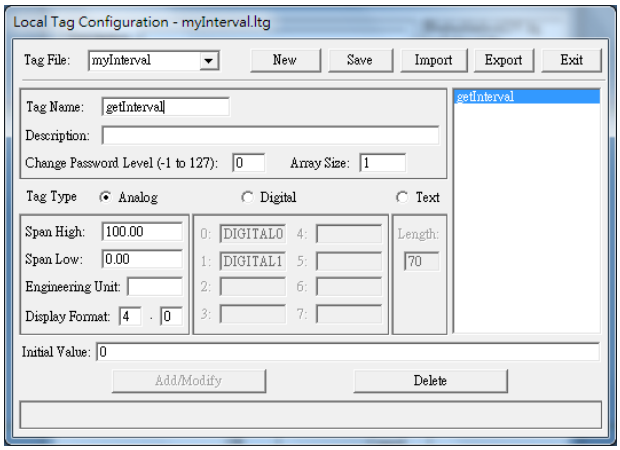
1. Open main.bgr and create an analog tag local Tag in Set Graph Parameter.
   Main .bgr :



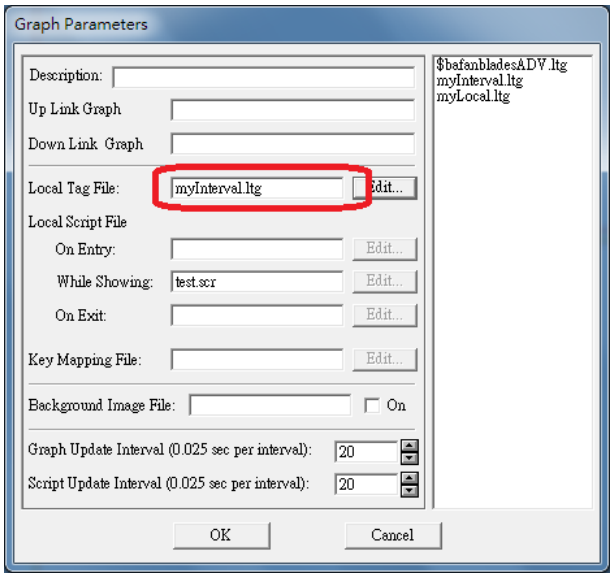
Copy Interval, Span, arrows and others directly from datalog trend template



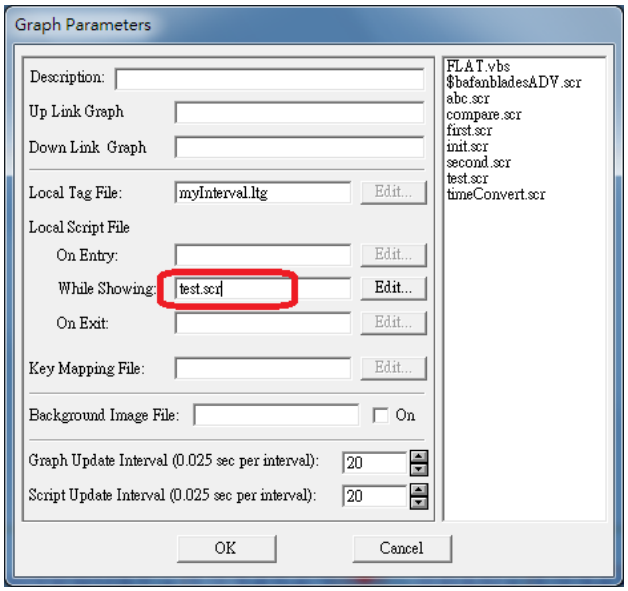
Create a getInterval analog tag in Local Tag file named myInterval.ltg



2. Still in main.bgr Graph Parameters, assign myInterval.ltg to Local Tag File



3. Create a test.scr scripts in While Showing



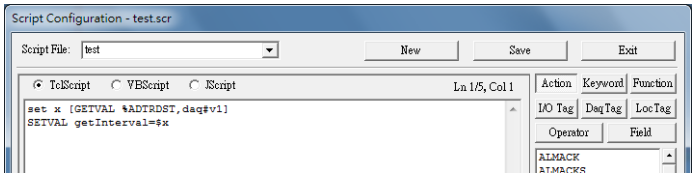
TCLScript:

Key commend for getting tag from video display and display in bgr page.

[GETVAL tag,daq#v1]

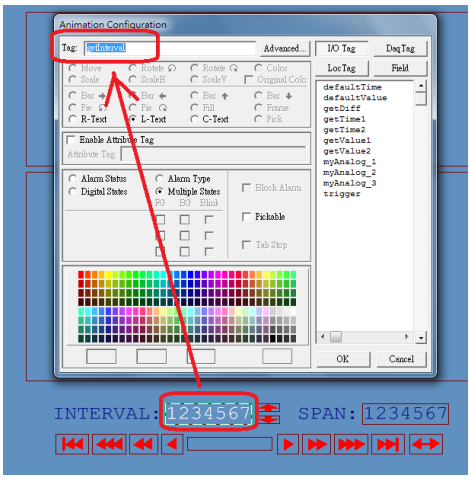
set x [GETVAL %ADTRDST,daq#v1] (get %ADTRDST and assign value to x)

SETVAL getInterval=$x (pass value of x to get Interval)

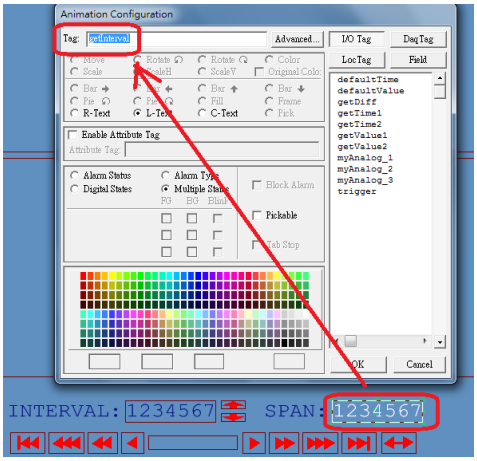


Note: SETVAL getInterval=[GETVAL %ADTRDST,daq#v1] also works.

4. Modify INTEVAL object tag name to getInterval



5. Modify SPAN object tag name to getInterval



6. Save and download project (download Draw or DrawDAQ)

7. Result:

   Interval and span values are the same in video display v1, video display v2 and main.bgr



Extra:

1) to specify tag inside View in Graph vname: Your_Tagname,daq#vname
2) to specify tag in View containing View in Graph: Your_Tagname,parent#

Extra 1:

Get tag from video display and display in bgr page.

[GETVAL tag,daq#v1]

Set tag value from bgr into Video Display

SETVAL tag,daq#v1=value

Note: “tag” in tag,daq#v1 means tag in Video Display v1 (datalog trend)

“value” means any tag value in bgr

e.g.

SETVAL %ADTRDST,daq#v1=[GETVAL getInterval]

SETVAL %ADTRDST,daq#v2=[GETVAL getInterval]