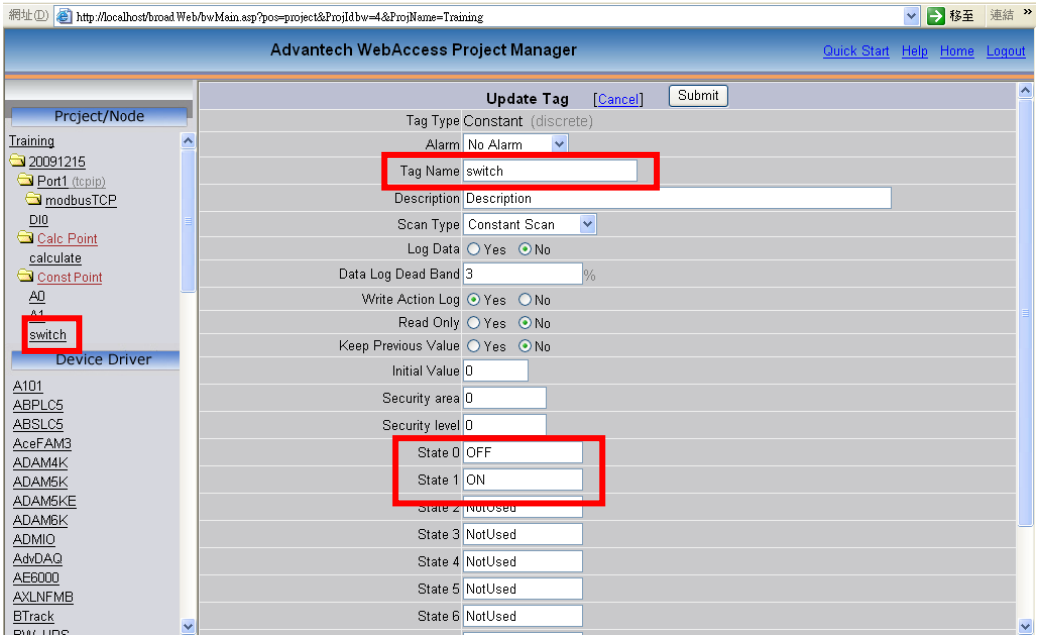
Frame

In this hands-on exercise, trainee must have two switch images to complete this exercise.
- sw45degree.gif and sw135degree.gif

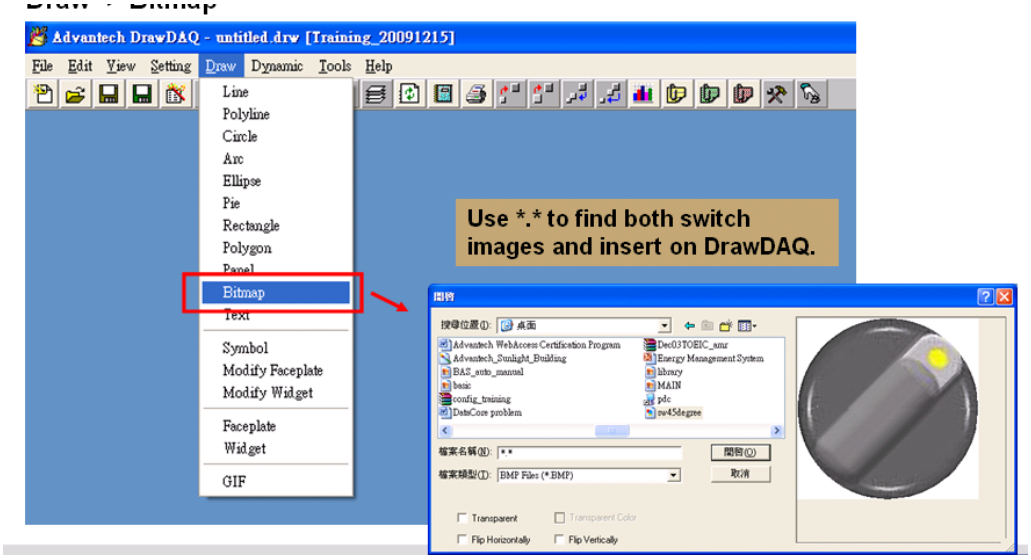




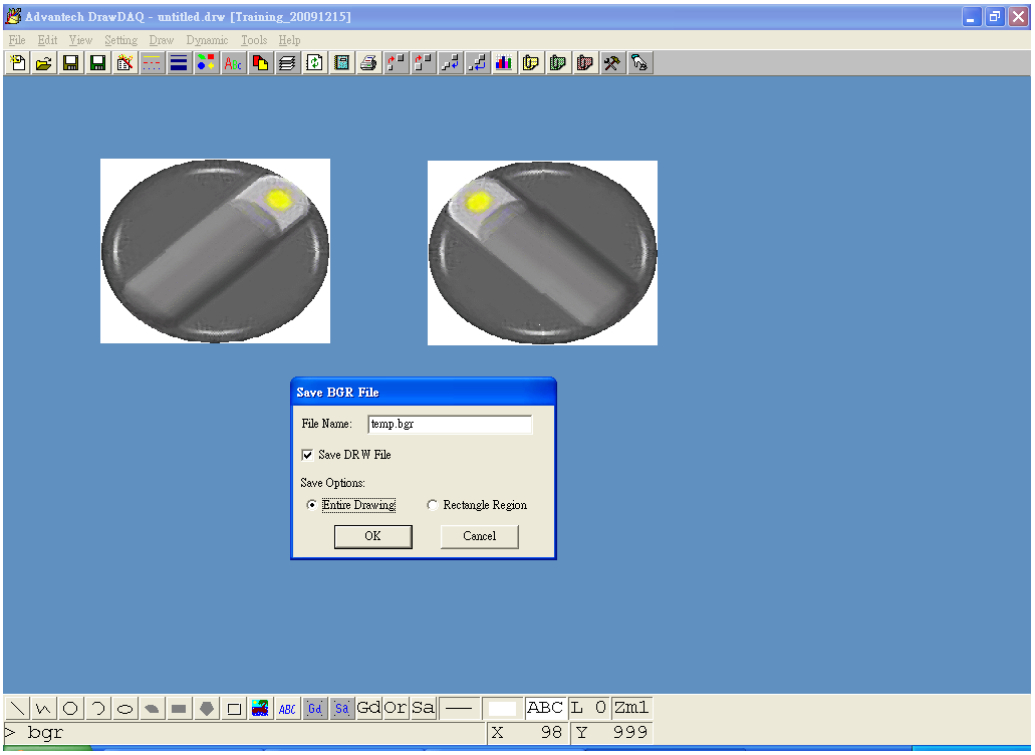
1. Use Constant Point to create a digital tag named “switch”
   Setup “State 0” to display the word “OFF”
   Setup “State 1” to display the word “ON”



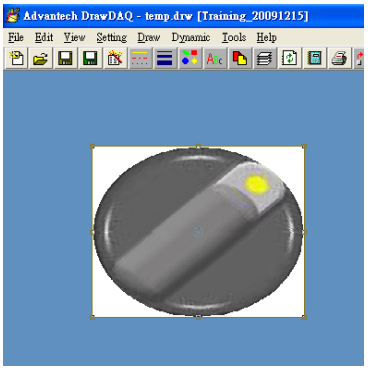
2. Go to SCADA Node and click the download.
   Reopen the DrawDAQ page so the “switch” tag will be seen
   In a new page, we have to insert the two switch button images
   Draw -> Bitmap



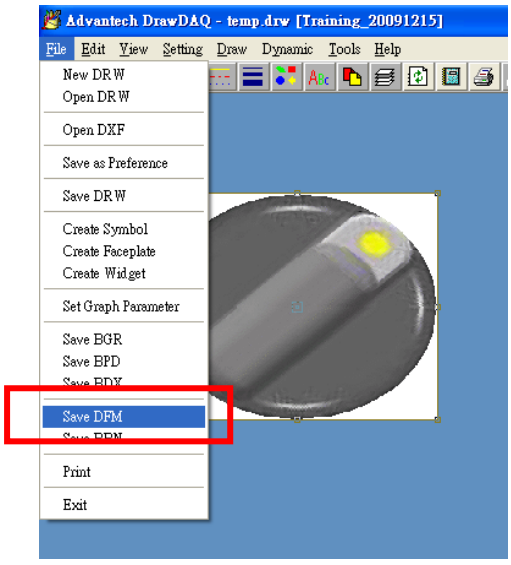
3. Display both images on the DrawDAQ, then save this page as temp.bgr



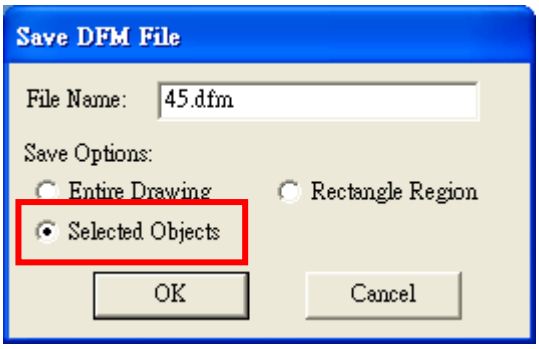
4. Highlight the 45 degree switch image



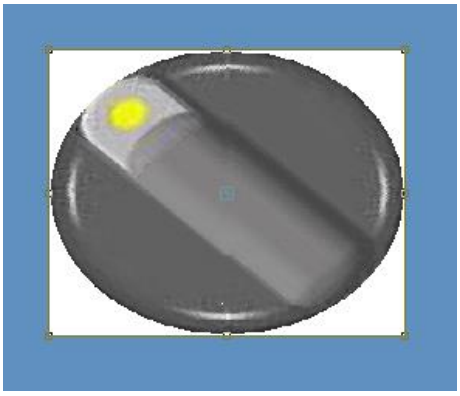
5. To save the frame: File -> Save DFM



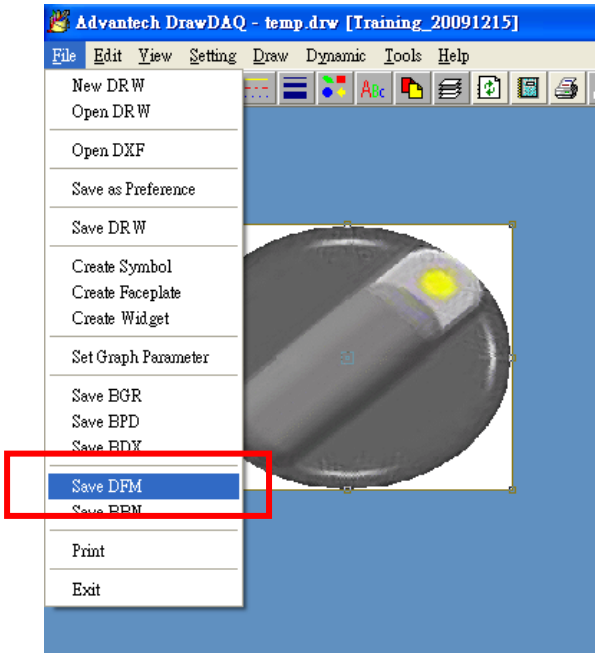
6. Save File name as 45.dfm
   Select “Selected Objects”



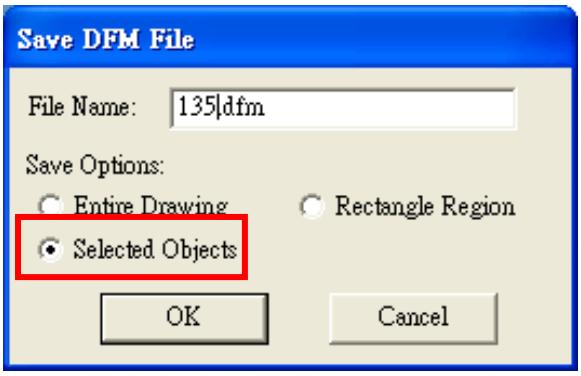
7. Repeating the same last three steps for another switch button.
8. Highlight the 135 degree switch image



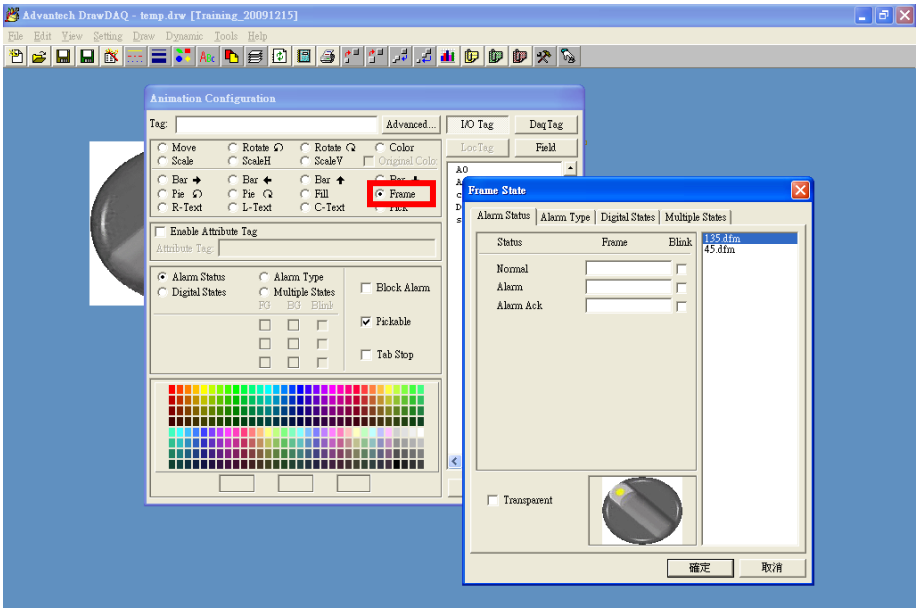
9. To save the frame: File -> Save DFM



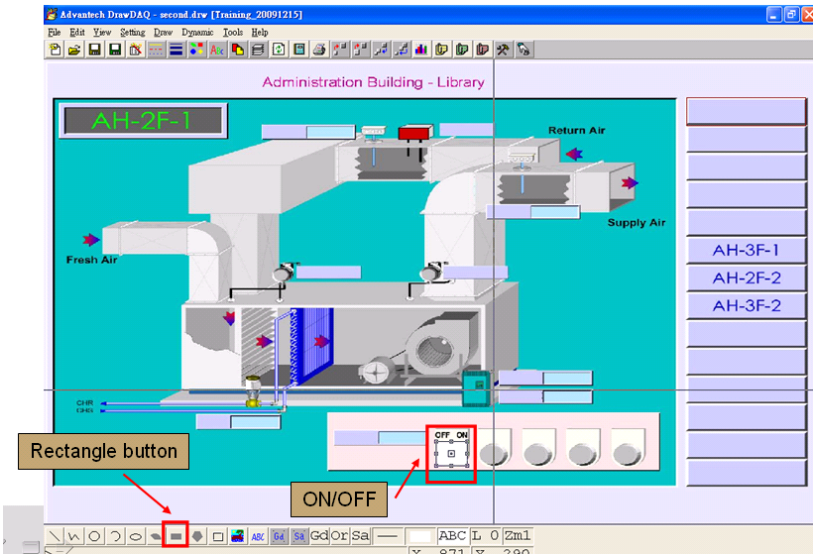
10. Save File name as 135.dfm
    Select “Selected Objects”



11. Dynamic -> Animation
    Click “Frame” and a Frame State” dialog box pop out
    User should be able to see both 45.dfm and 135.drm



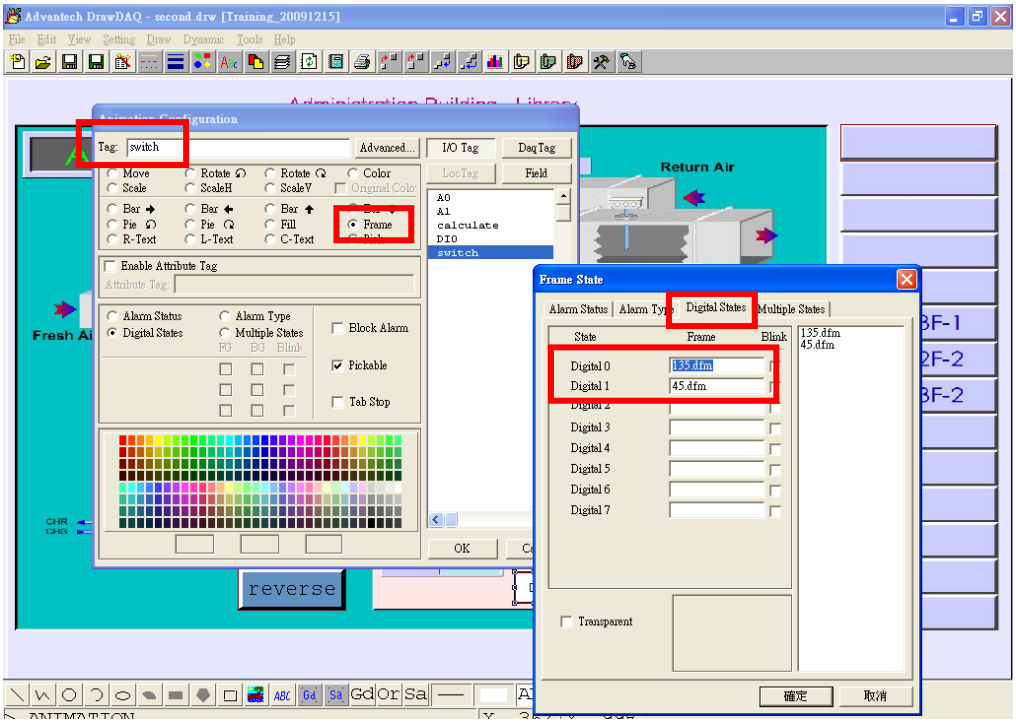
12. Our next step is to ppen the second.bgr page. Using “rectangle” button to draw & highlight a small rectangle under ON/OFF place



13. Dynamic -> Animation -> Frame -> Digital States

    Tag name selects “switch”

    In Digital 0 inserts 135.dfm; in Digital 1 inserts 45.dfm; then click “OK” button

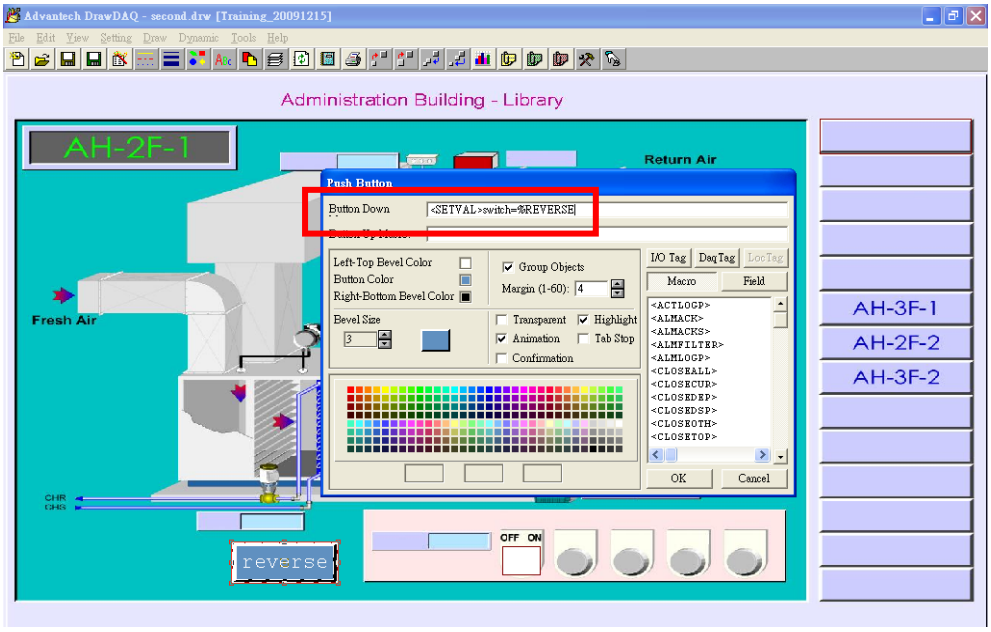


14. Draw a button which named “reverse”

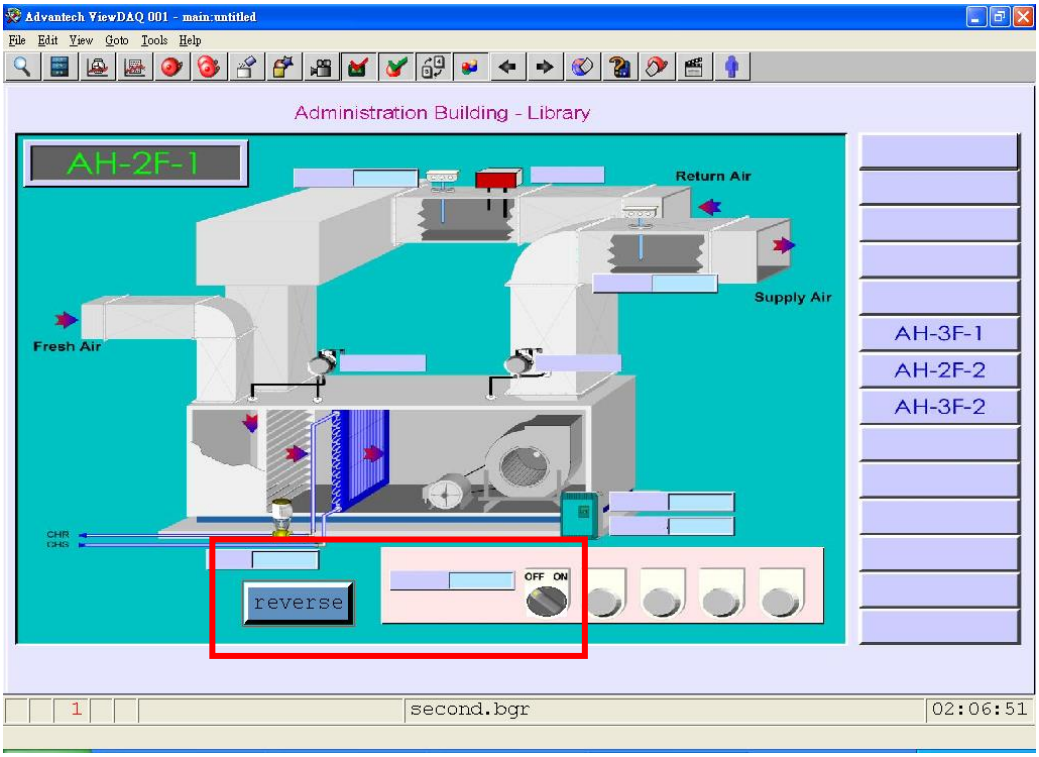
    In Button Down action, enter “<SETVAL>switch=%REVERSE”

    Note: % REVERSE function will switch digital tag value between 0 and 1

    Note: %REVERSE function can’t be found in DaqTag



15. Save the file and download the project.
16. Last, by clicking the “reverse” button, the switch will change its images continuously.


Advantech ViewDAQ 001 - main:untitled
File Edit View Goto Tools Help
Administration Building - Library
AH-2F-1
Return Air
Supply Air
Fresh Air
AH-3F-1
AH-2F-2
AH-3F-2
reverse
OFF ON
1
second.bgr
02:06:51