



OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: 3000 program application

Ant: random i/o write

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Description: This is an application that writes a true and false bit to logic in a PLC randomly.

First draw object to animate (i.e.: rotate or change foreground). Click on the animation icon, and select rotate. Under rotate enter the tag of the actual I/O being monitored. The reference is Center, Max is 1 and Angle is 90degrees (360 you do not see rotation). Hit "add" and close the edit window for animation.

Following the next few steps to complete the application:

1. Go Data, Driver and double click on Internal.

Tag: address_updown

Address: OscSin

click <add> close window.

2. Data, Application Expression.

Tag: address_updown_on

Expression: address_updown==1&&"tag for actual I/O being monitored"==0

Tag: address_updown_off

Expression: address_updown==0&&"tag for actual I/O being monitored"==1

<add> and close edit window.

3. Go Data, Screen and double click on the screen the object is being monitored.

Event: Condition Becomes True **Action:** Assignment

Tag: address_updown_on

Destination: "tag for actual I/O being monitored"

Source: One

Event: Condition Becomes True **Action:** Assignment

Tag: address_updown_off

Destination: "tag for actual I/O being monitored"

Source: Zero

Generate and download.