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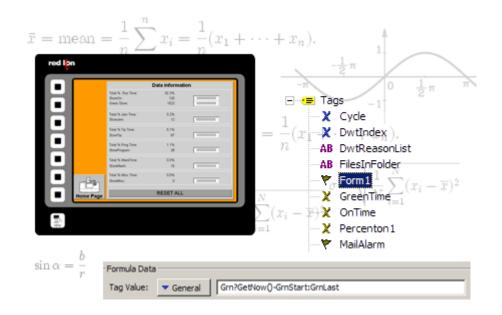


CRIMSON 2 TUTORIAL

TU0019

Title: Math and Formulas

DESCRIPTION



Using 32-bit floating point math, you can calculate downtime efficiency, production rates, process measurements for statistical analysis and operational equipment effectiveness (OEE).

BENEFITS

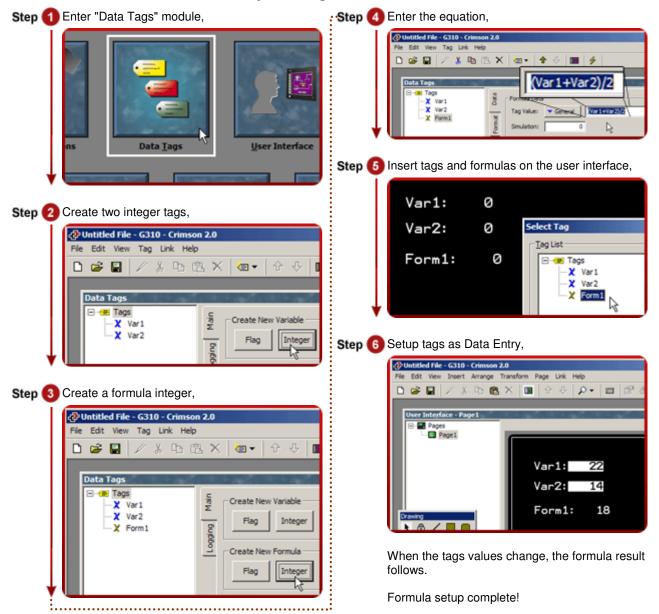
- Manage your production by knowing its status,
- Easily calculate your system ratio, percentage and efficiency values,
- Control the G3 behavior from the HMI making PLC programming easier,

EXAMPLE

A production manager is interested in the efficiency of his soldering robots. Each robot is linked to a G3 that logs the robot status and actions. Calculations are then possible to find total downtime, number of soldering done per minutes, robot efficiency, percentages on efficient usage, etc. An email is sent at the end of the day to the manager for review.

CREATING AND USING FORMULAS

Simple average calculation.



Reference: http://www.redlion.net/g3features/G3 Feature - Math and Formula.html

For more information on Crimson 2.0, refer to the manual.