Integrated Simulation Introduction Guide







Cat.No. V408-E1-02

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Introduction

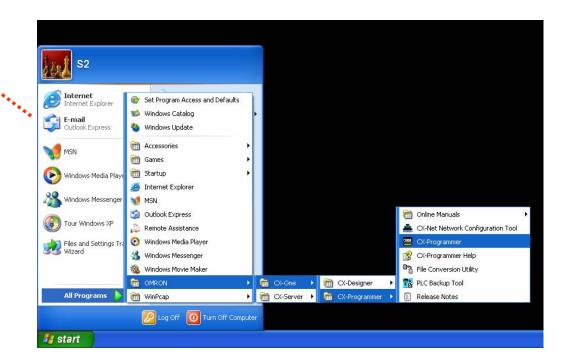
- To read the PDF files, you need Adobe Reader, a free application distributed by Adobe Systems.
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1. Executing the Integrated Simulation (Starting up the CX-Programmer)

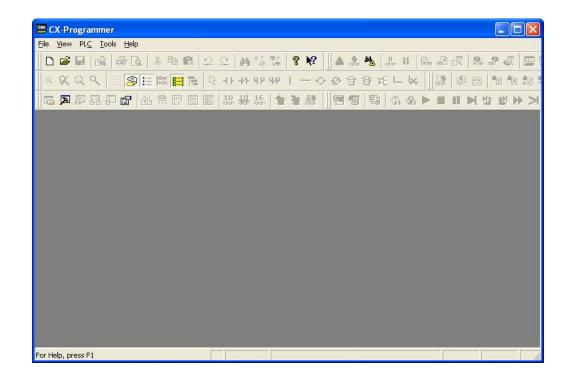
Selet[Start]-[All Programs]
-[OMRON]-[CX-One]

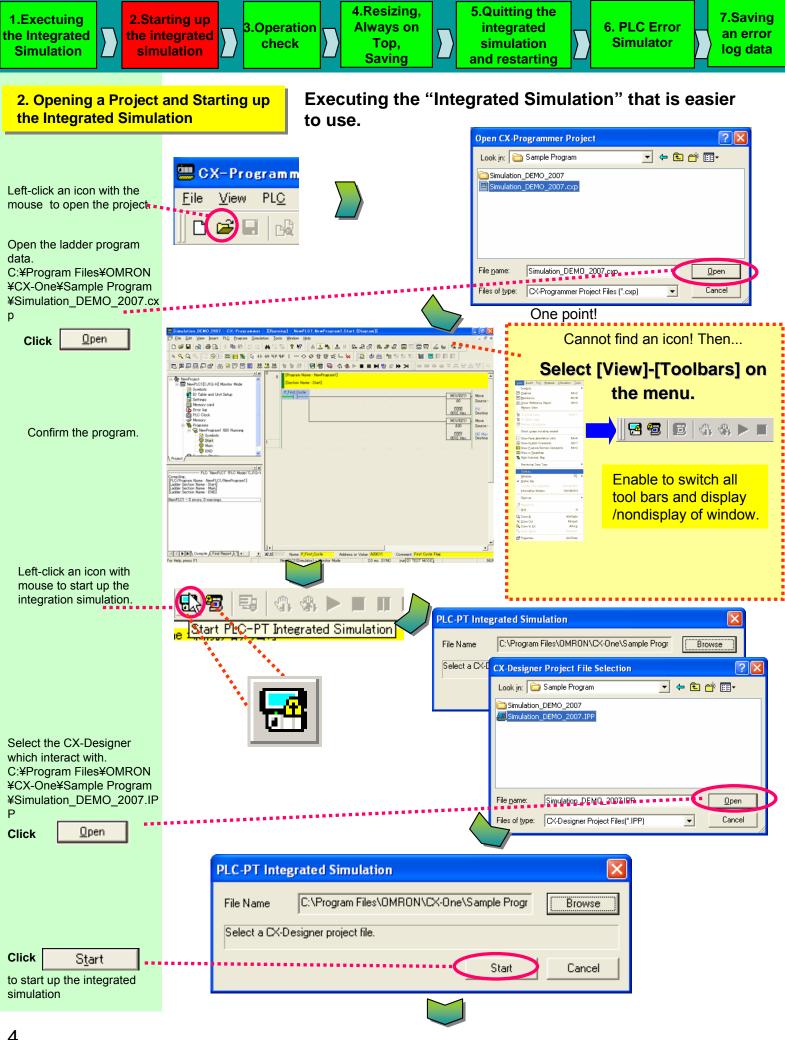
- -เูOMRONj-เูCX-One -[CX-Programmer]
- -[CX-Programmer]

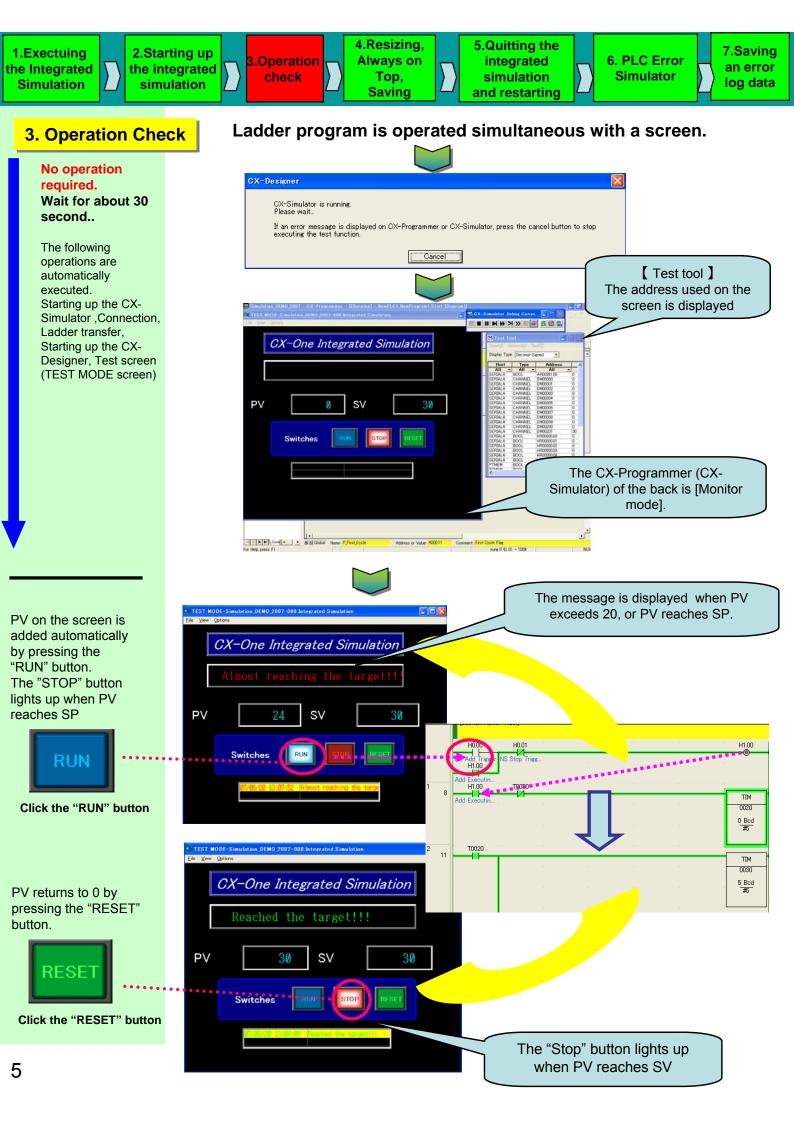
When using Windows Vista or later OS, click mouse right button and select [Run as administrator].







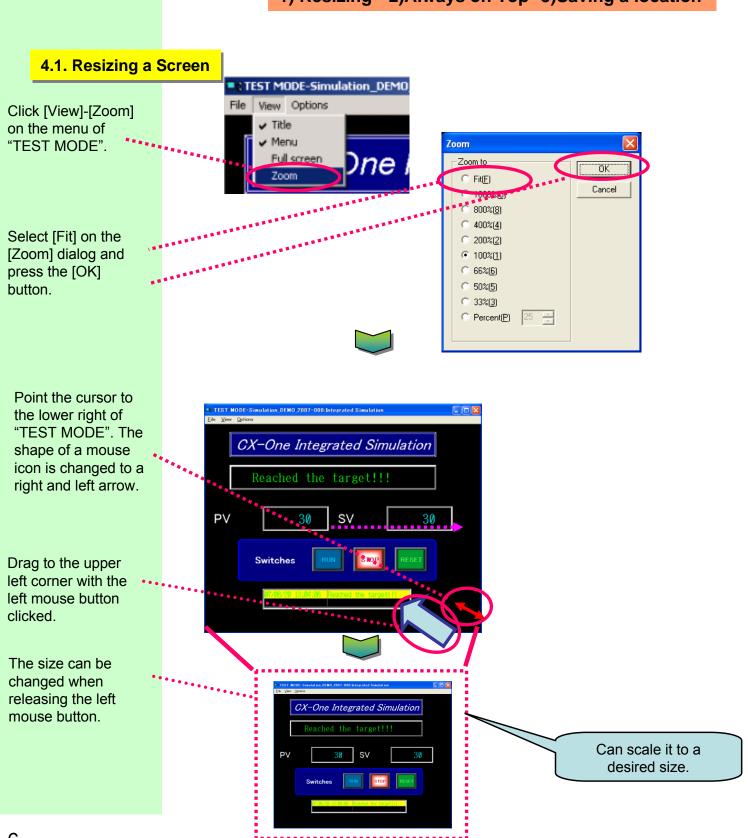


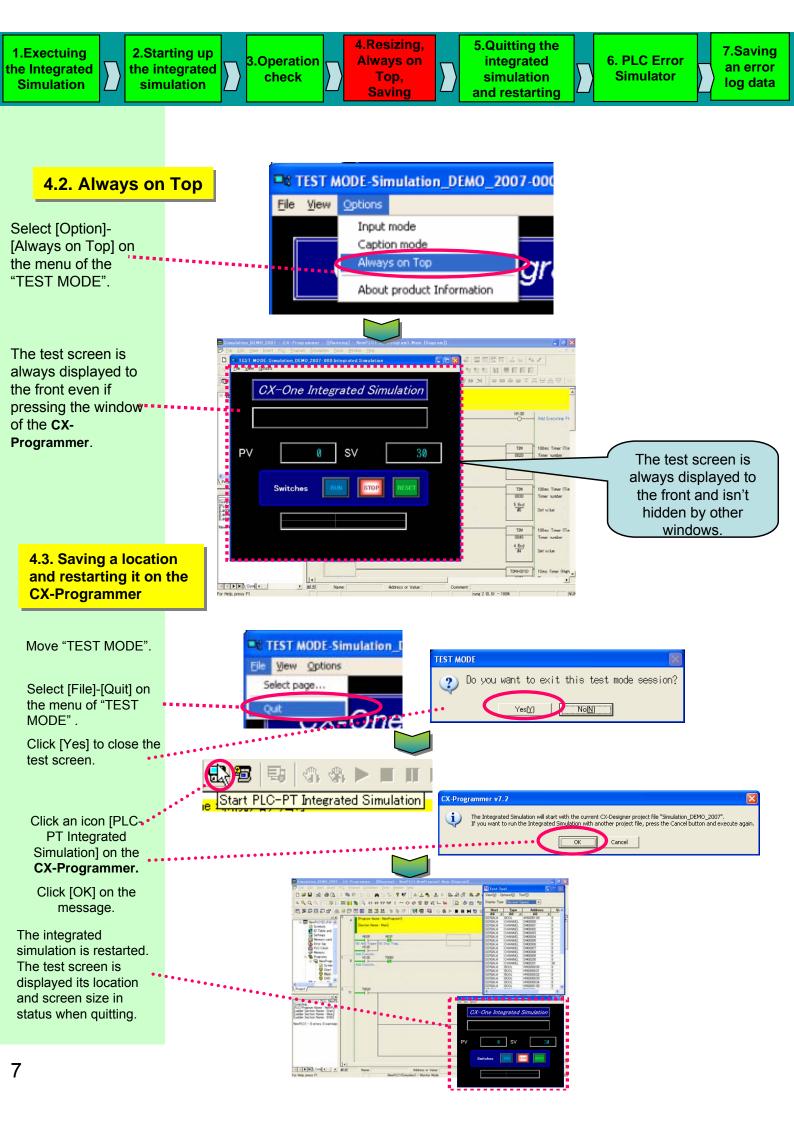


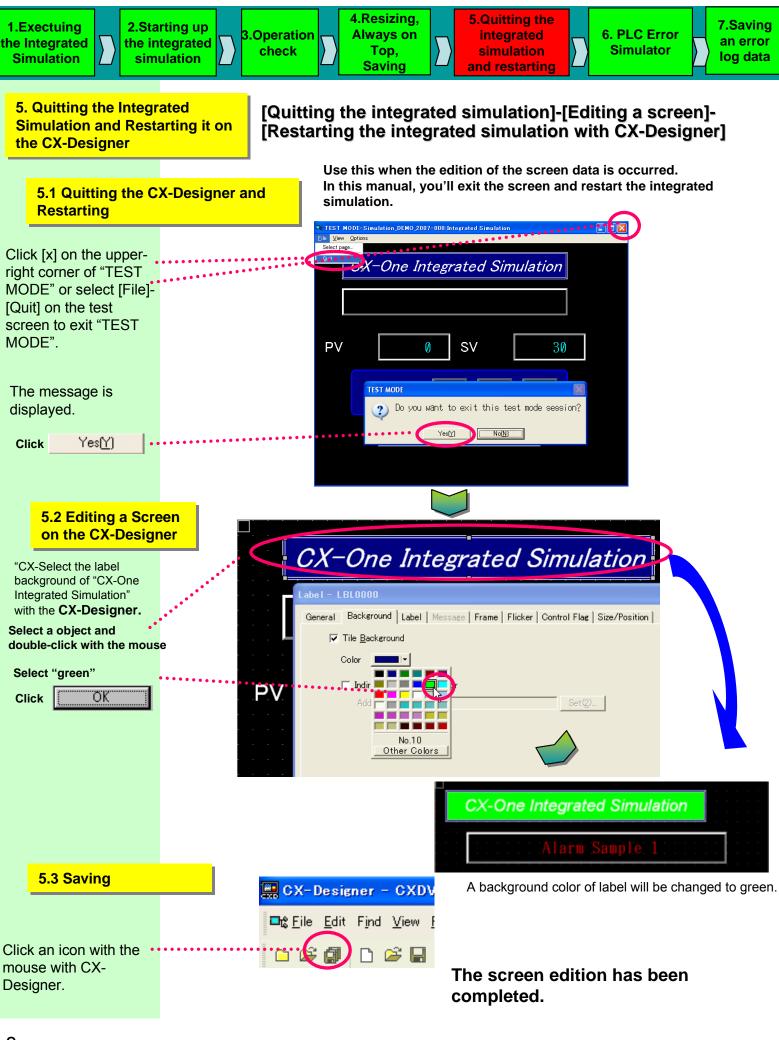


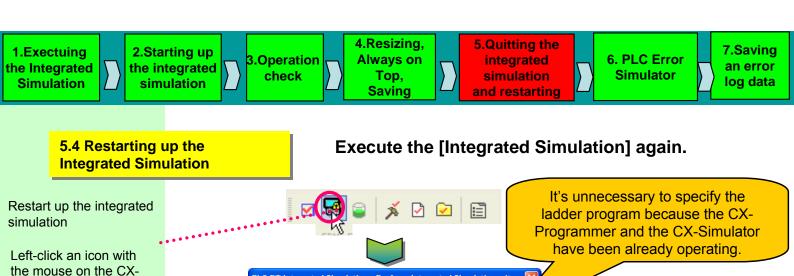
4. Resizing/Always on Top /Saving a Location

The following contents are available on the TEST MODE screen (test screen) of the CX-Designer. 1) Resizing 2) Always on Top 3) Saving a location









PLC-PT Integrated Simulation - Perform Integrated Simulation wit...

Select a host to execute using the simulator, and a CX-Programmer project file. The

Start

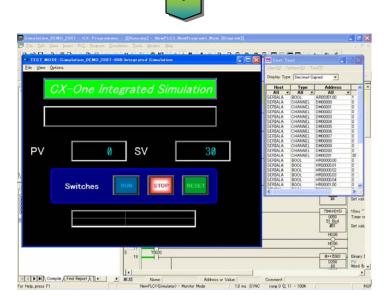
SERIALA

other hosts run in normal test mode

Start up the integrated simulation.

Designer

Start



The screen edition is reflected and the [Integrated Simulation] can be easily restarted.

[Note]

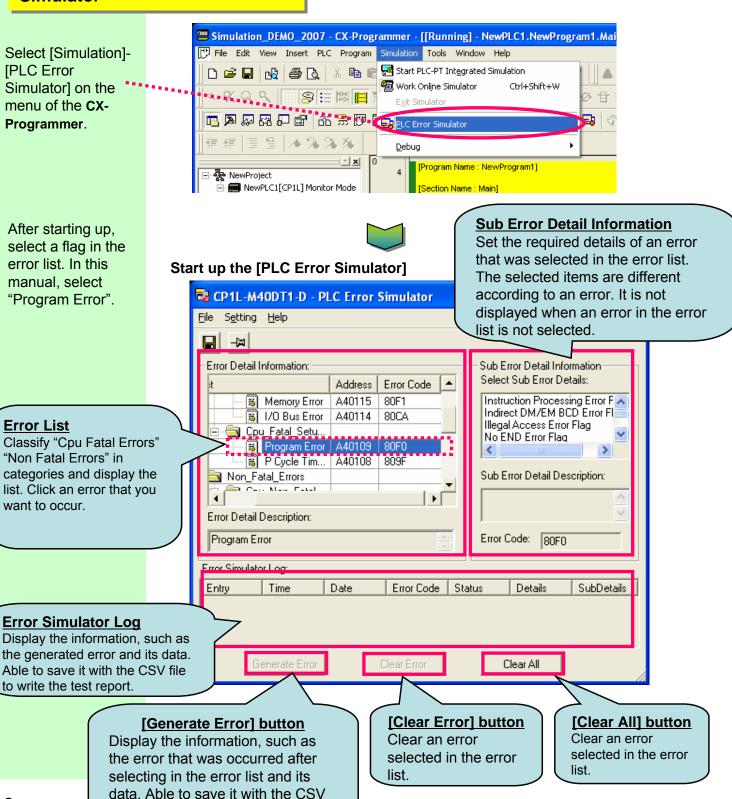
The [Integrated Simulation] can be easily restarted from either the CX-Programmer or the CX-Designer.



6. PLC Error Simulation

The simulator can easily have PLC error occur and you will be able to confirm the operation of an error monitoring program on the computer.

6.1 Starting up the PLC Error Simulator

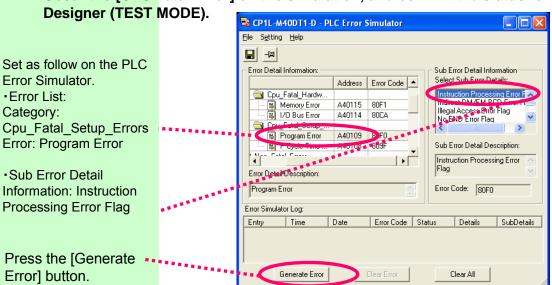


file to write the test report.



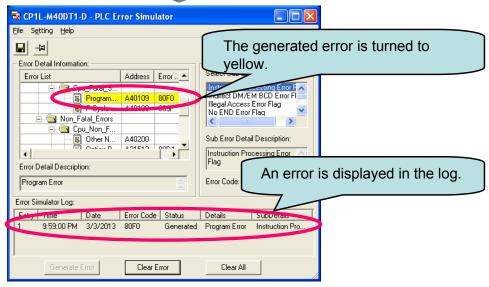
6.2. Generate Error (CPU Fatal Error)

Occur the [CPU Fatal Error] on the simulation, and confirm the status for the CX-Programmer and CX-

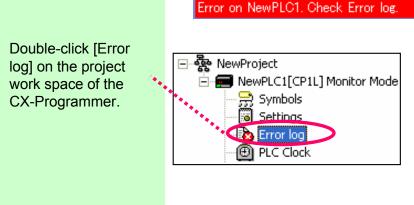


The [PLC Error] is occurred on the

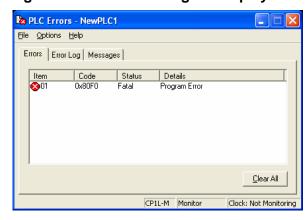
simulation.



The error message will blink in the lower left-hand corner of the CX-Programmer.



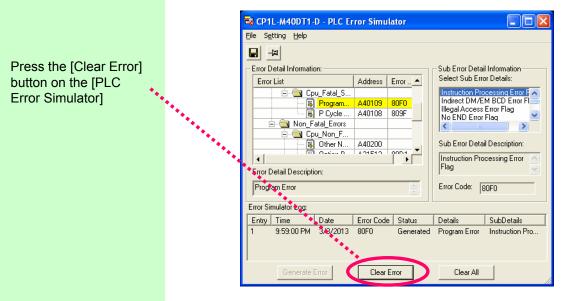
The generated error message is displayed.





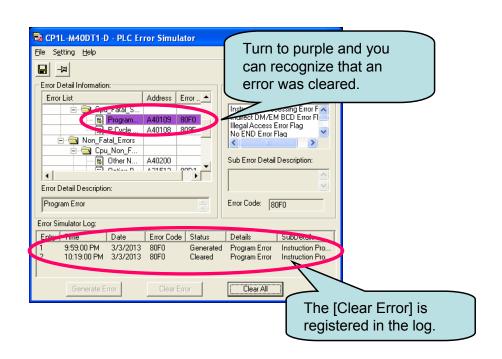
6.3.Clear Error

Clear the generated error after checking its simulation.



An error is cleared and the screen will be changed to the following display.

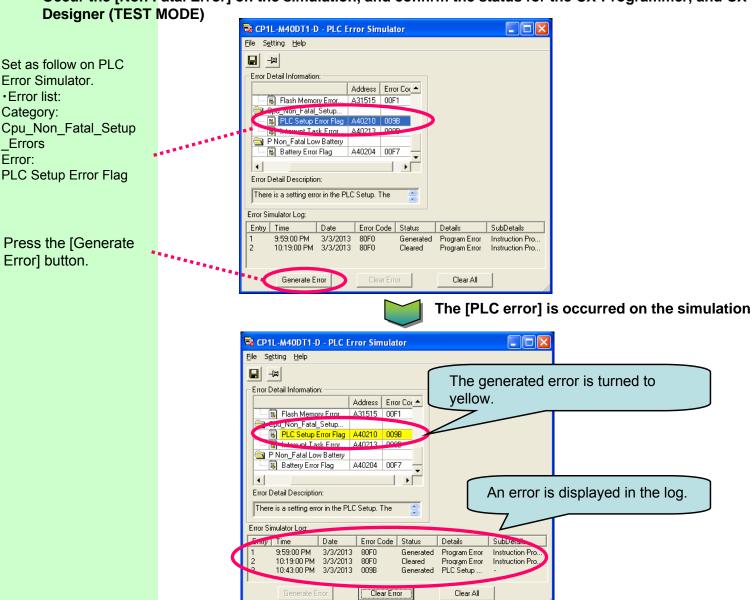




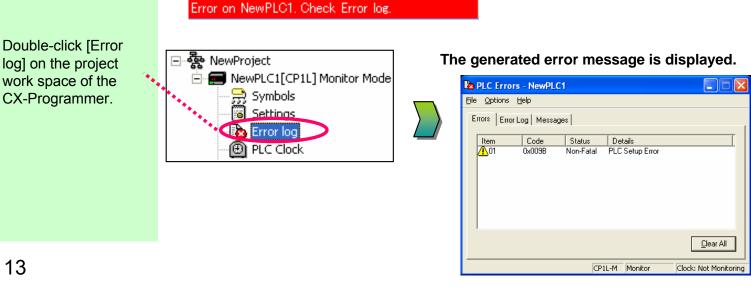


6.4. Generate Error (Non Fatal Error)

Occur the [Non Fatal Error] on the simulation, and confirm the status for the CX-Programmer, and CX-

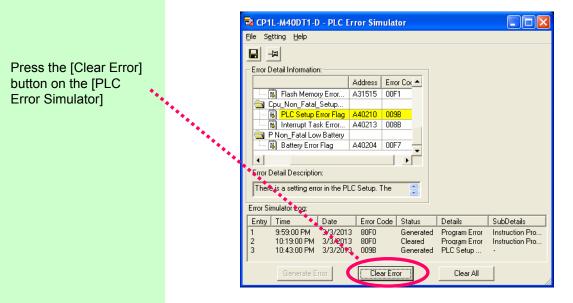


The error message will blink in the lower left-hand corner of the CX-Programmer.



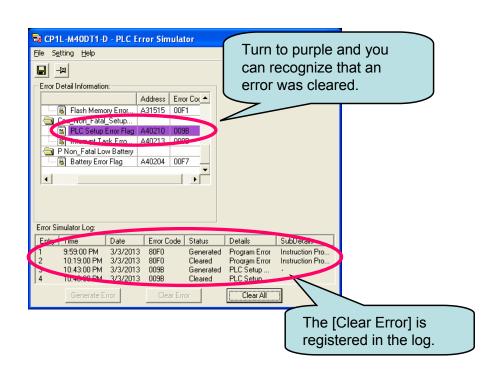
6.5.Clear Error

Clear the generated error after checking its simulation.



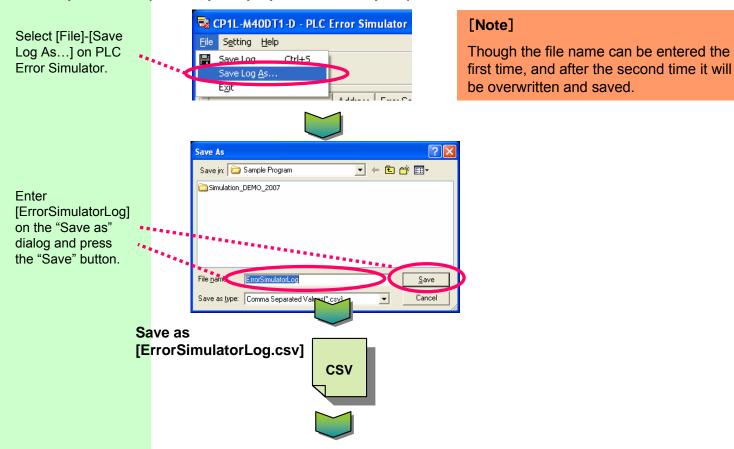
An error is cleared and the screen will be changed to the following display.



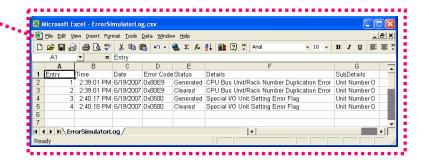


7. Saving an Error Log Data in the File.

Save the error information occurred in the past in CSV file for the validation result of error procedure. (This helps to prepare the text report.)



It's possible to check the error information (log list) occurred in the past on Excel.



[Note]

You can also save the generated error logs in the following timing.

- •When selecting [File]-[Exit] on the menu.
- ·When pressing the [Clear All] button.

That's All! Thanks you.

Open the

csv] file on

[ErrorSimulatorLog.

Microsoft Excel.

Note: Do not use this document to operate the Unit.

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