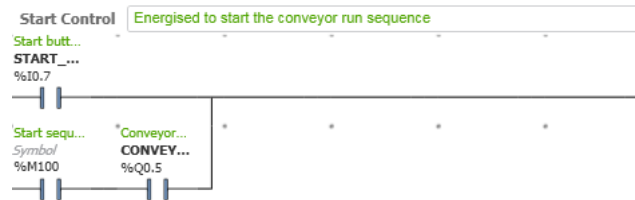


# Comments

## Comments

Comments can be added to each rung to describe the action of the rung.

While symbols can help to document the application, often the logic of the rung must be inspected to understand the function of the entire rung. A comment attached to the rung can immediately explain the purpose of that rung.



## How to Add a Comment

At the top of each rung there is a grey box.



Click the grey box to add a comment.

# Exercise - Add Comments to the Application

## Learning Outcomes

By the completion of this exercise you will:

- Add comments to rungs of the application.

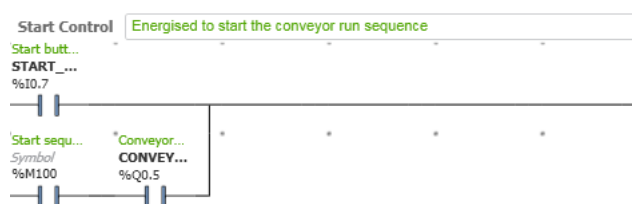
### 1 View the Conveyor Control Application

- If SoMachine Basic is not running, start it.
- Open the **Conveyor Control** application.

If in doubt, refer to the Exercise - Managing Applications which shows how to do this.

### 2 Add comments to the control POU.

- Go to the programming tab and select the **Control** POU.
- Select the **Start Control** rung and click the grey box at the top of the rung. Enter the text `Energised to start the conveyor run sequence`.



- For the remaining rungs of the **Control** POU enter the following comments:

|              |   |
|--------------|---|
| Conv 1       | Conveyor 1 control                      |
| Conv 2       | Conveyor 2 control                      |
| Conv 3       | Conveyor 3 control                      |
| Running      | Run indicator                           |
| Stop Control | Stop request - Initiate phased shutdown |
| Stop 1       | Stop signal for conveyor 1              |
| Stop 2       | Stop signal for conveyor 2              |
| Stop 3       | Stop signal for conveyor 3              |

## Exercise - Add Comments to the Application (cont.)

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### 3 Optionally, for completeness enter the following comments for the Fault Handling and Speed Monitoring POU's:

|             |  |
|-------------|--|
| Conv 1 Flt  | Conveyor 1 fault   |
| Conv 2 Flt  | Conveyor 2 fault   |
| Conv 3 Flt  | Conveyor 3 fault   |
| Reset       | Reset conveyor faults when start button is pressed                   |
| Fault Light | Fault light  |
| VS High     | Compares with high setpoint - energised if speed is high             |
| VS Low      | Compares with low setpoint - energised if speed is low               |
| VS OK       | Speed OK   |
| Setpoints   | Initialise speed voltage setpoints on startup (voltage is x10 speed) |

