

Webinar Series: Complete Guide to SIMUL8 Success



Webinar 4:

Creating Custom Reports



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Agenda

Session 4: Creating Custom Reports

- Creating results without Visual Logic
- The Visual Logic Interface
- Using key commands to create reports

Session 1:

Getting Started with Simulation

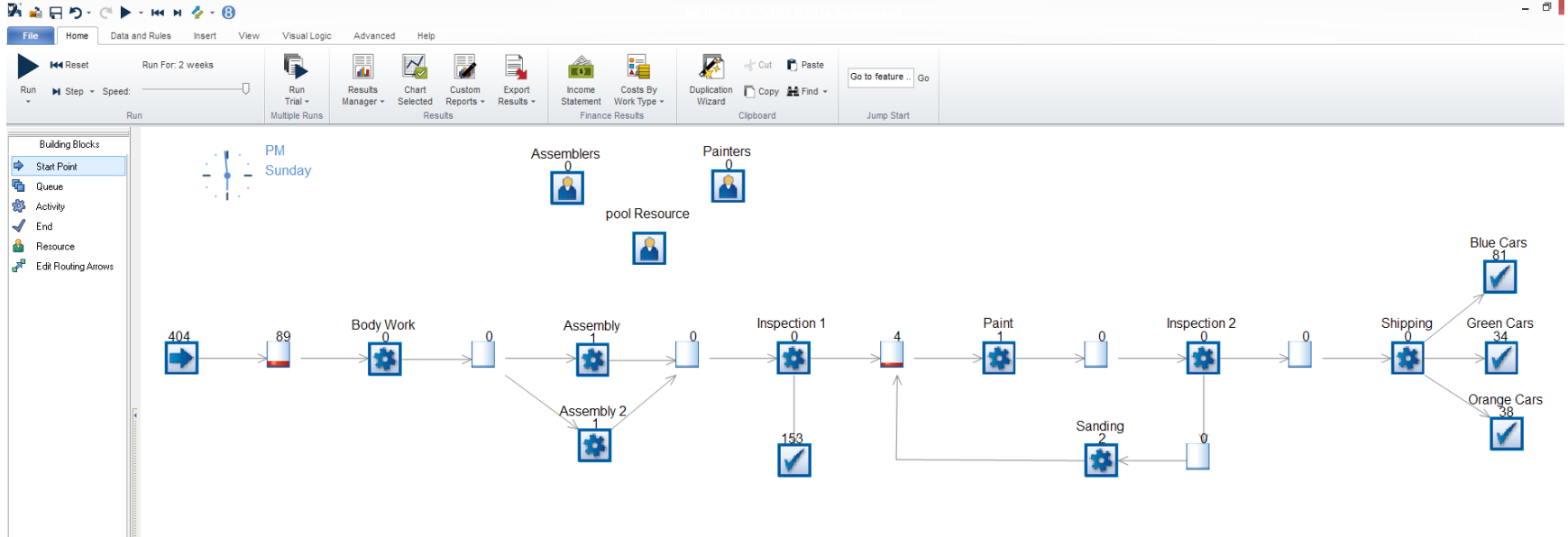
Session 2:

Adding Complexity to your Simulation

Session 3:

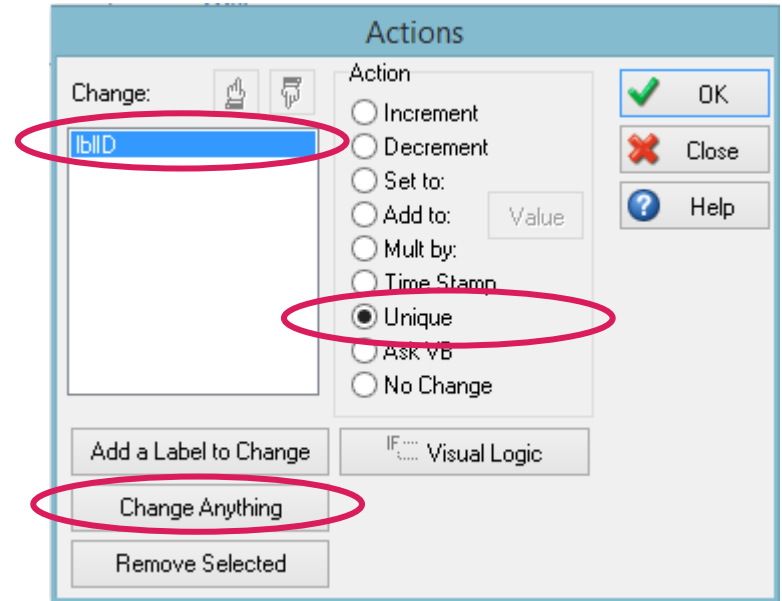
Controlling Your Simulation from
Spreadsheets

Recap From Webinar 3



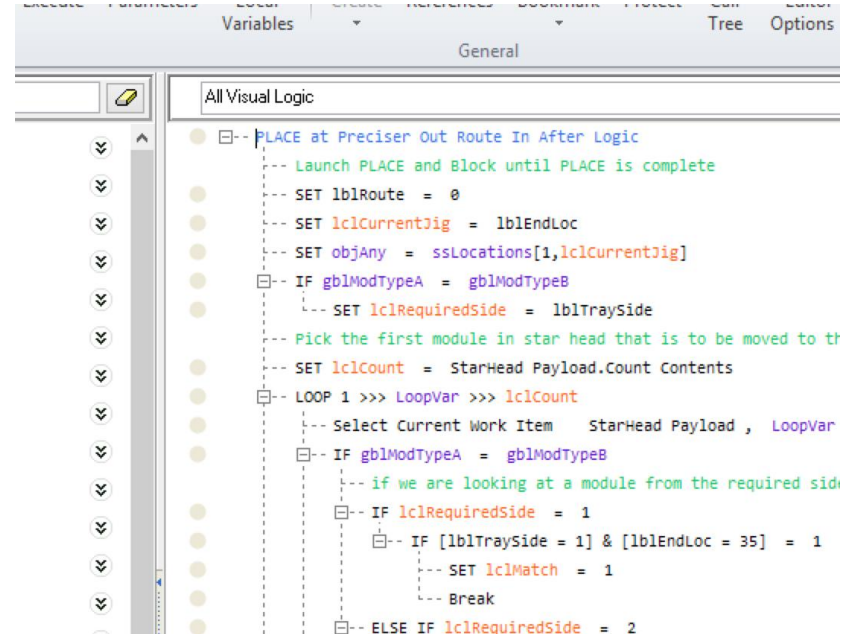
Building Custom Results Without Code

- Use a **Label** with the “*Unique*” action to identify which row we are writing information to
- Use the *Change Anything* button to alter properties of a spreadsheet
- Clear Spreadsheet on Reset



Visual Logic

- ✓ More **complex results** can be calculated
- ✓ Allows **bespoke control** of simulation objects
- ✓ Create **user interfaces**

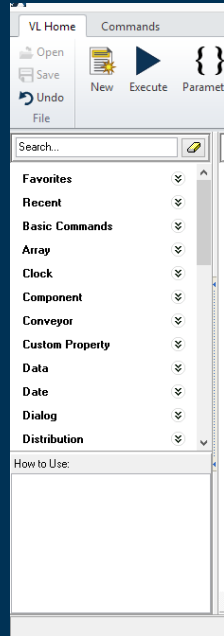


```
All Visual Logic

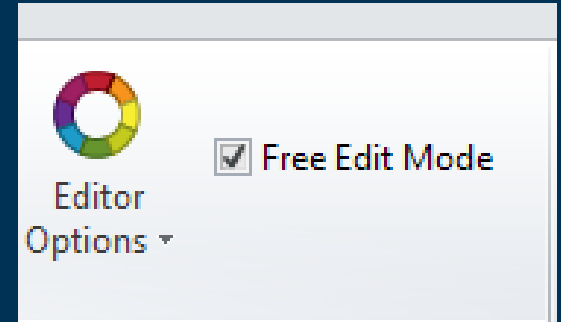
-- PLACE at Preciser Out Route In After Logic
-- Launch PLACE and Block until PLACE is complete
-- SET lblRoute = 0
-- SET lclCurrentJig = lblEndLoc
-- SET objAny = ssLocations[1,lclCurrentJig]
-- IF gblModTypeA = gblModTypeB
--   SET lclRequiredSide = lblTraySide
-- Pick the first module in star head that is to be moved to tr
-- SET lclCount = StarHead Payload.Count Contents
-- LOOP 1 >>> LoopVar >>> lclCount
--   Select Current Work Item StarHead Payload , LoopVar
--   IF gblModTypeA = gblModTypeB
--     if we are looking at a module from the required side
--     IF lclRequiredSide = 1
--       IF [lblTraySide = 1] & [lblEndLoc = 35] = 1
--         SET lclMatch = 1
--         Break
--       ELSE IF lclRequiredSide = 2
```

Visual Logic Interface

Command List



Free Edit Mode



Custom Results Using Visual Logic

- Record which cars have been processed within a certain amount of time
- Automatically import/ export results with Excel

Do you have any
Questions?



Thanks for watching!

View the whole series here:

SIMUL8.com/the-complete-guide-to-SIMUL8-success

www.SIMUL8.com

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