Process Simulator 2019 SP3 Features Webinar

Instructor Info:
Rebecca Santos
Technical Support
Office: 888.776.6633
support@promodel.com

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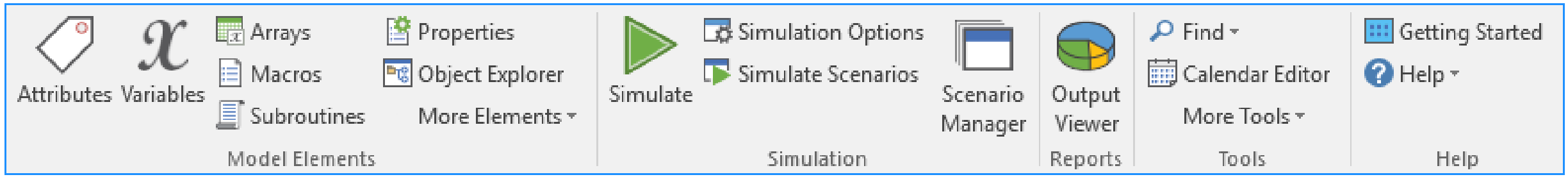
Process Simulator 2019 SP3 Features Webinar
For Software Version: 10.3.0.4090

556 E Technology Way
Orem, UT 84097
801-223-4600

Agenda

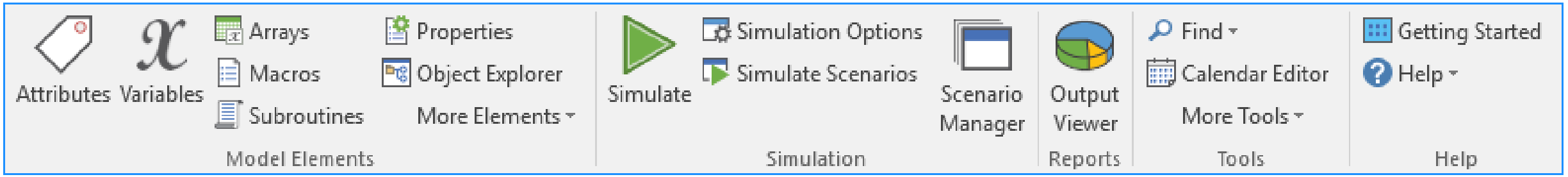
- Ribbon Enhancements
- Properties Enhancements
- Model Compilation Speed Increase
- On-page and off-page connectors
- Referenced vs. non-referenced sub-models

Ribbon Enhancements

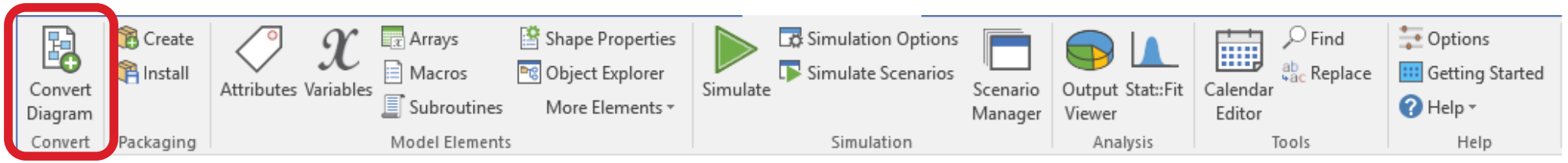


Ribbon Enhancements

New Ribbon



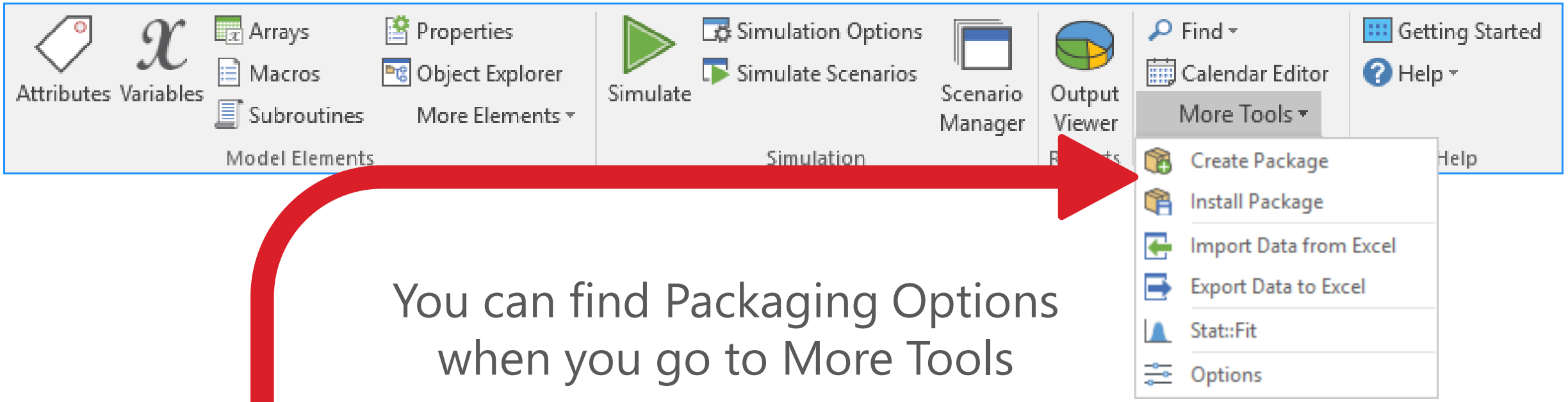
The convert button only shows up when there is something to be converted.



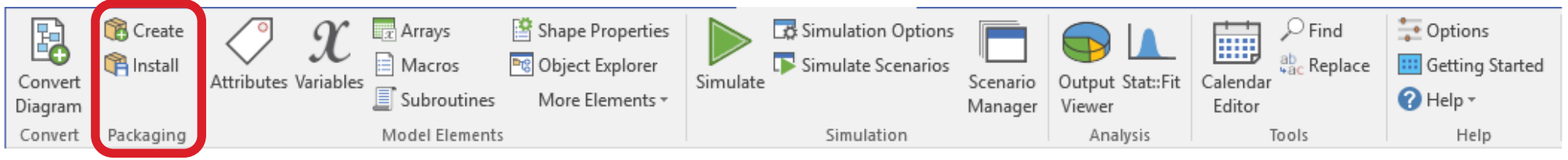
Old Ribbon

Ribbon Enhancements

New Ribbon



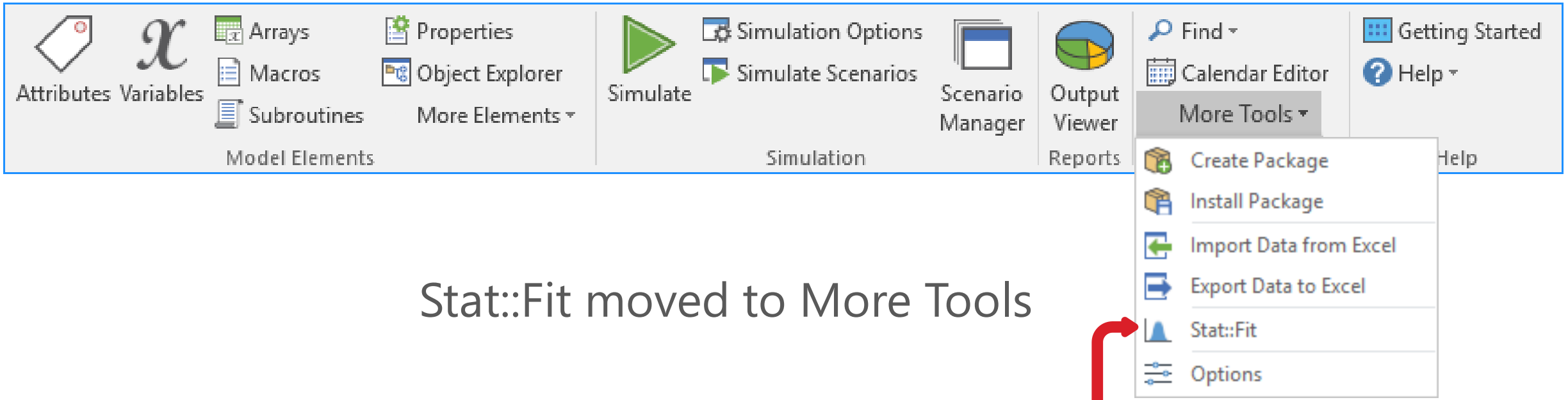
You can find Packaging Options when you go to More Tools



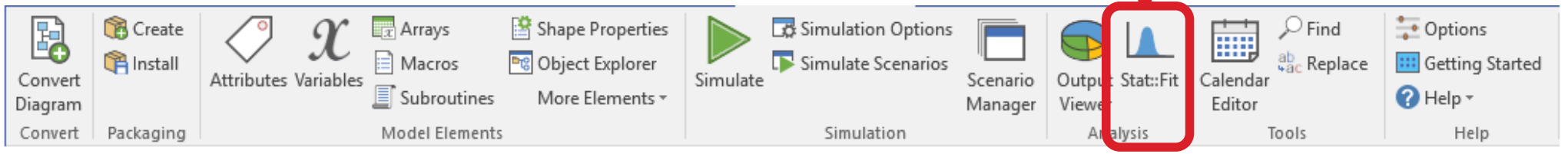
Old Ribbon

Ribbon Enhancements

New Ribbon



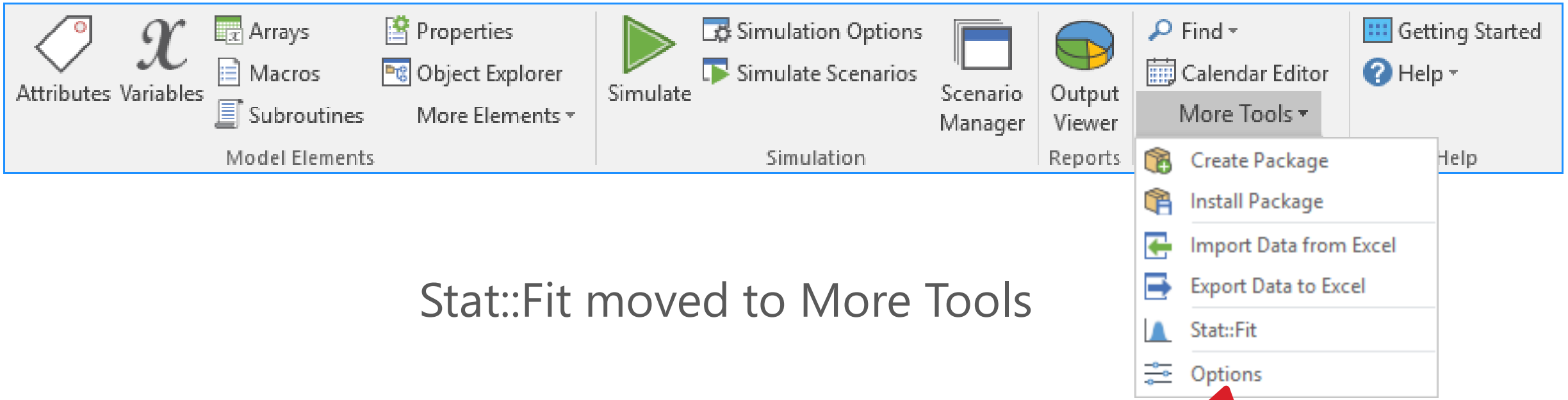
Stat::Fit moved to More Tools



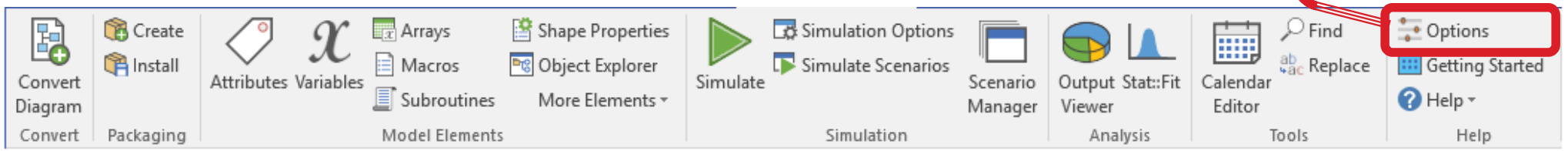
Old Ribbon

Ribbon Enhancements

New Ribbon

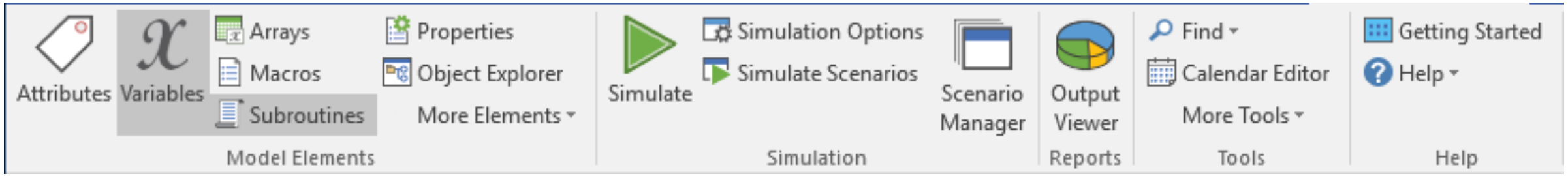


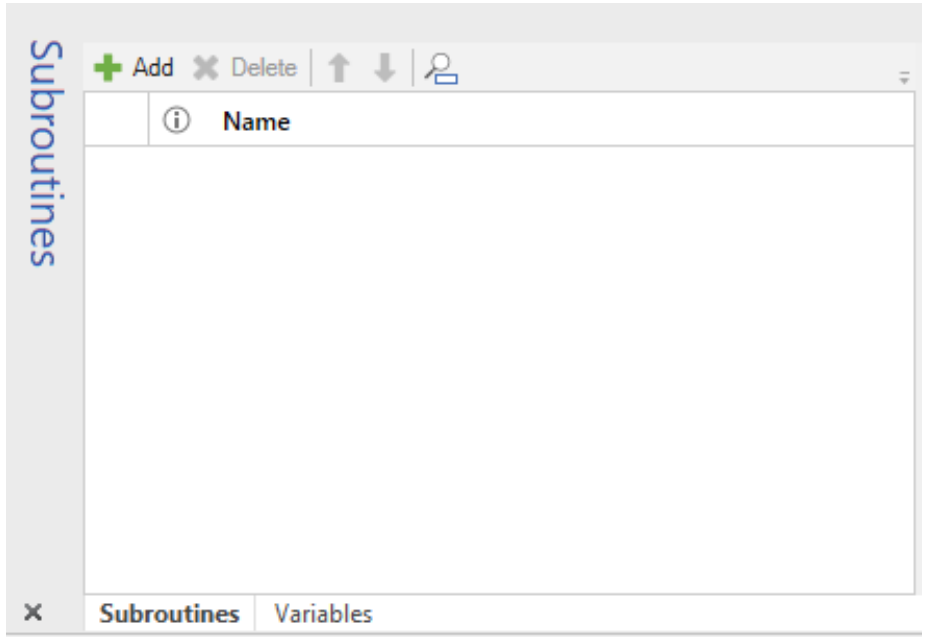
Stat::Fit moved to More Tools



Old Ribbon

Ribbon Enhancements

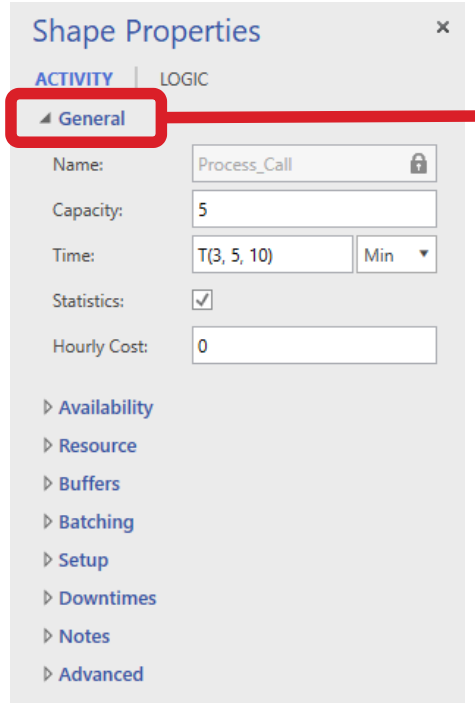




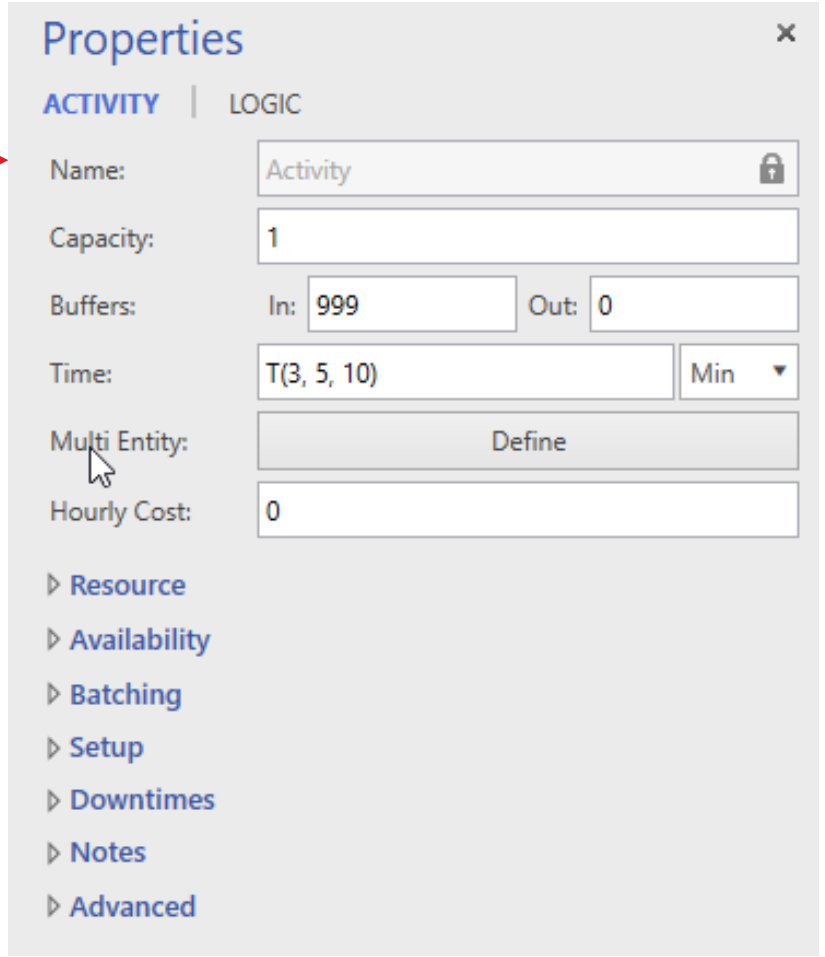
Buttons in the ribbon are now toggle buttons

Properties Enhancements

Old Properties Window



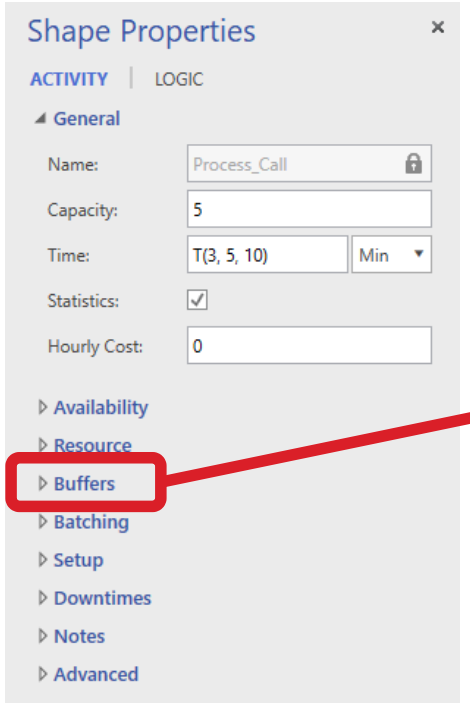
New Properties Window



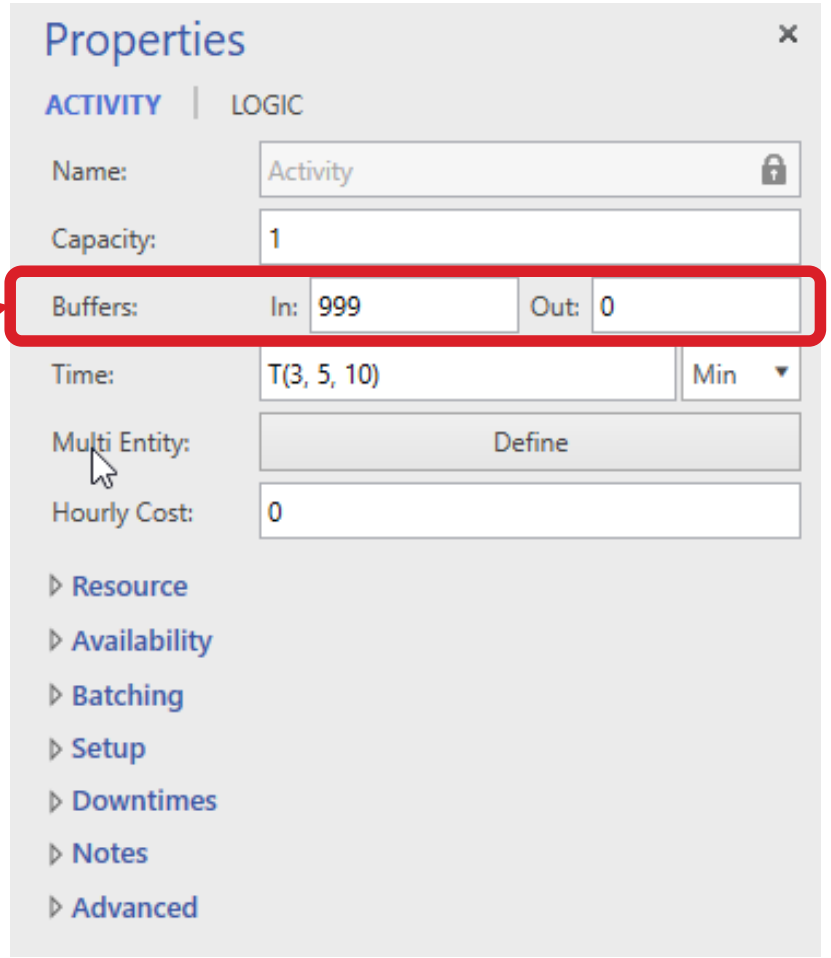
There is no General Tab

Properties Enhancements

Old Properties Window



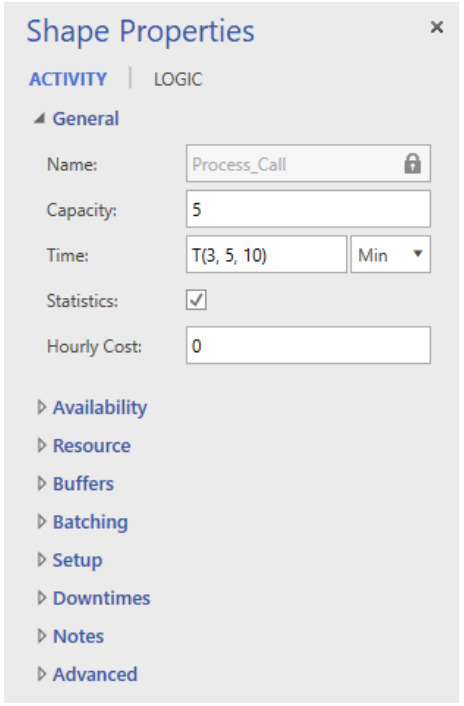
New Properties Window



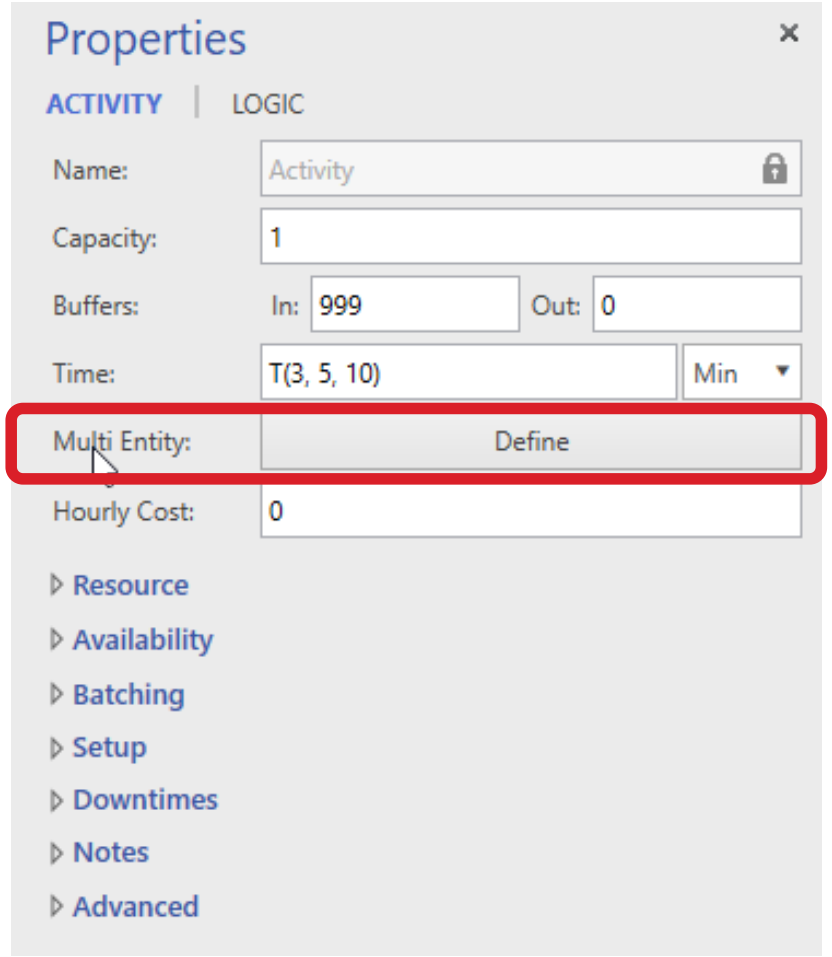
Buffer options moved up

Properties Enhancements

Old Properties Window

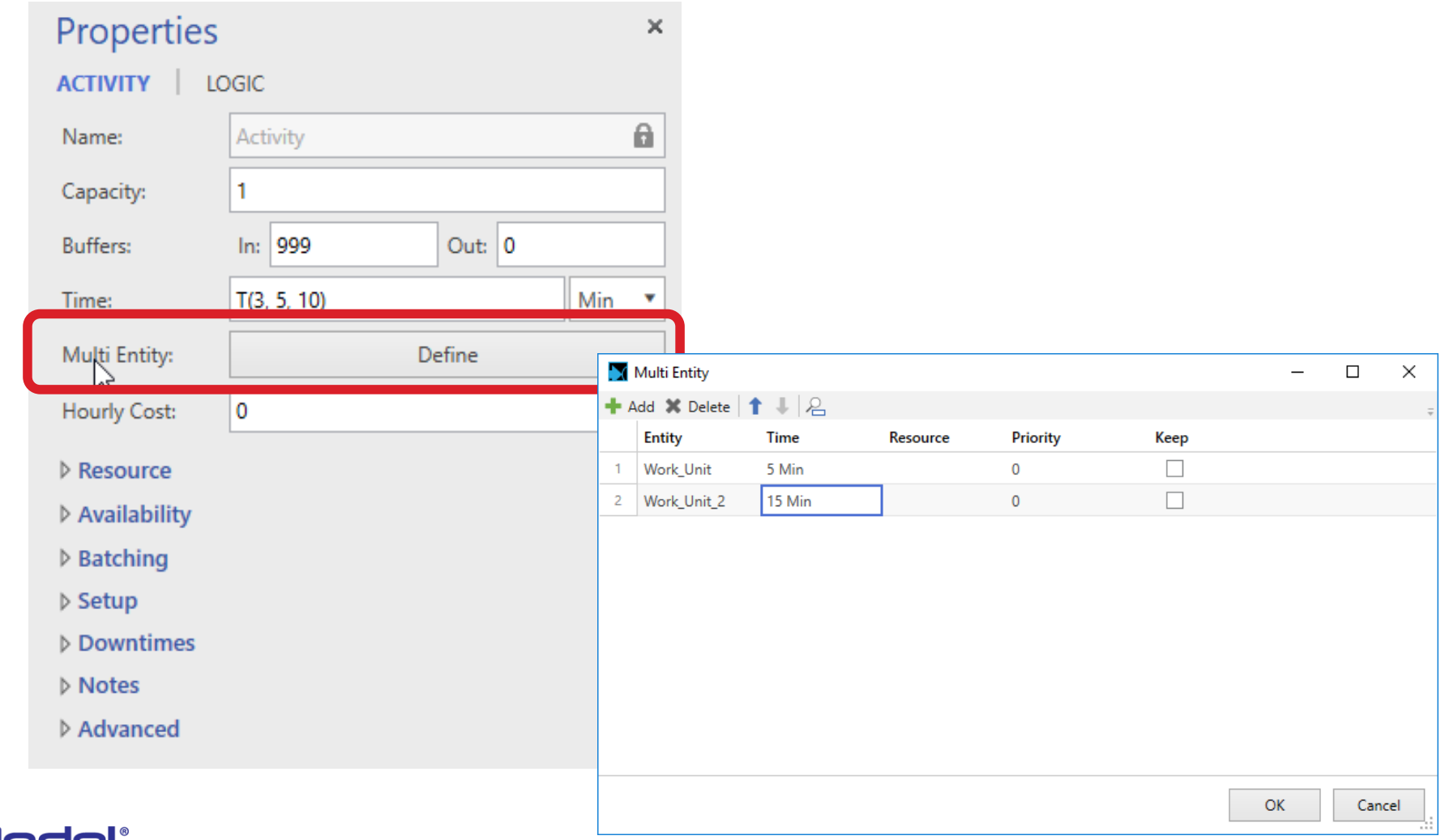


New Properties Window

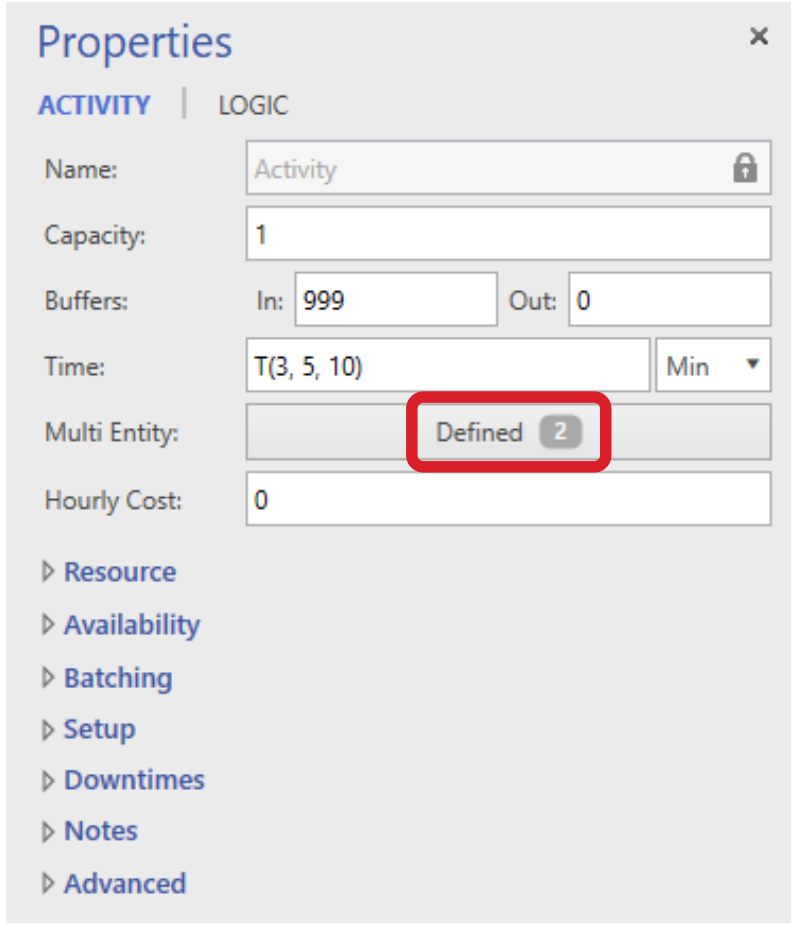


Multi Entity Options added

Properties Enhancements

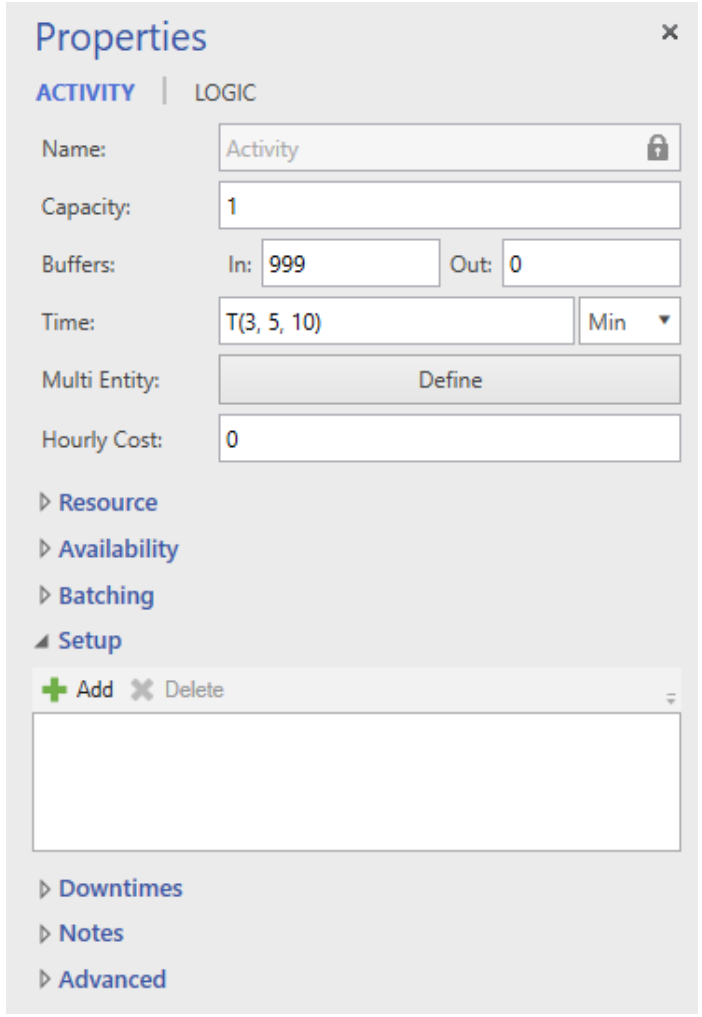


Properties Enhancements

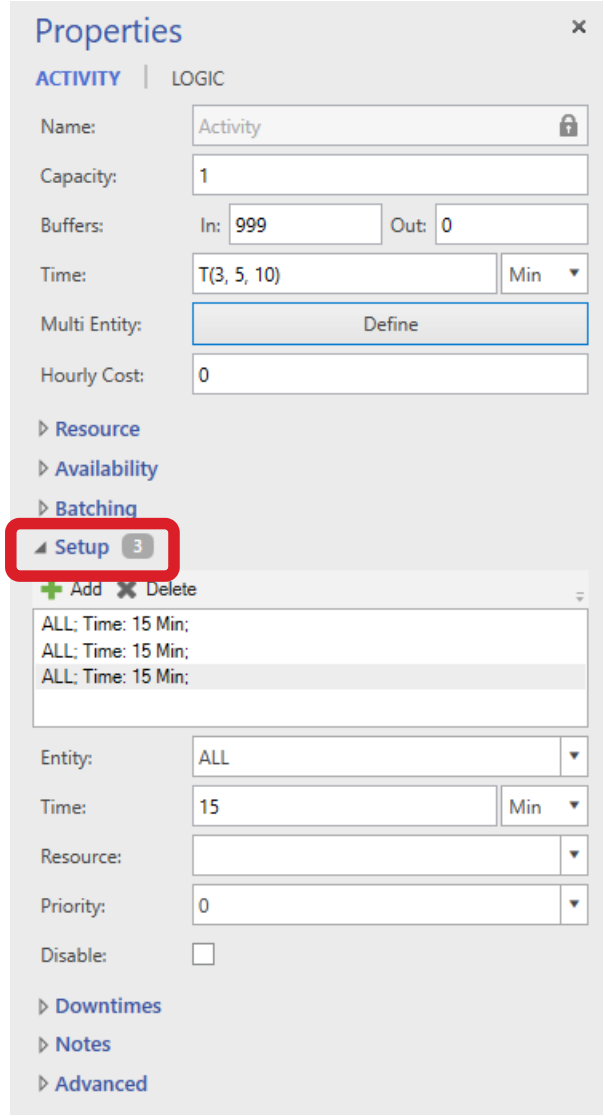


Once Multi Entities have been defined you can see an indicator in the Properties Window

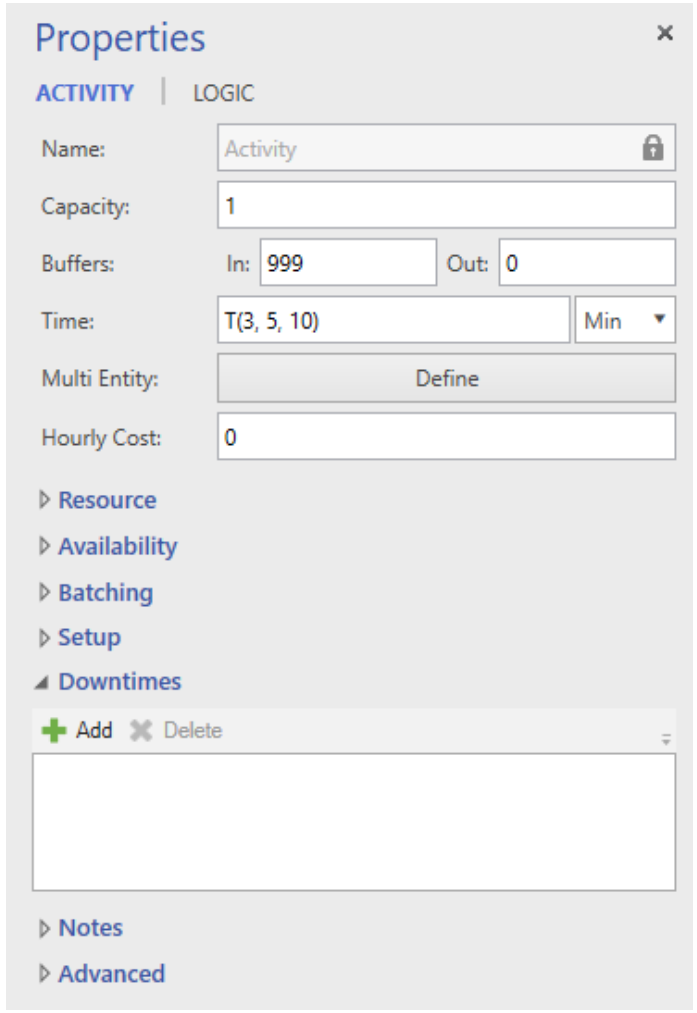
Properties Enhancements



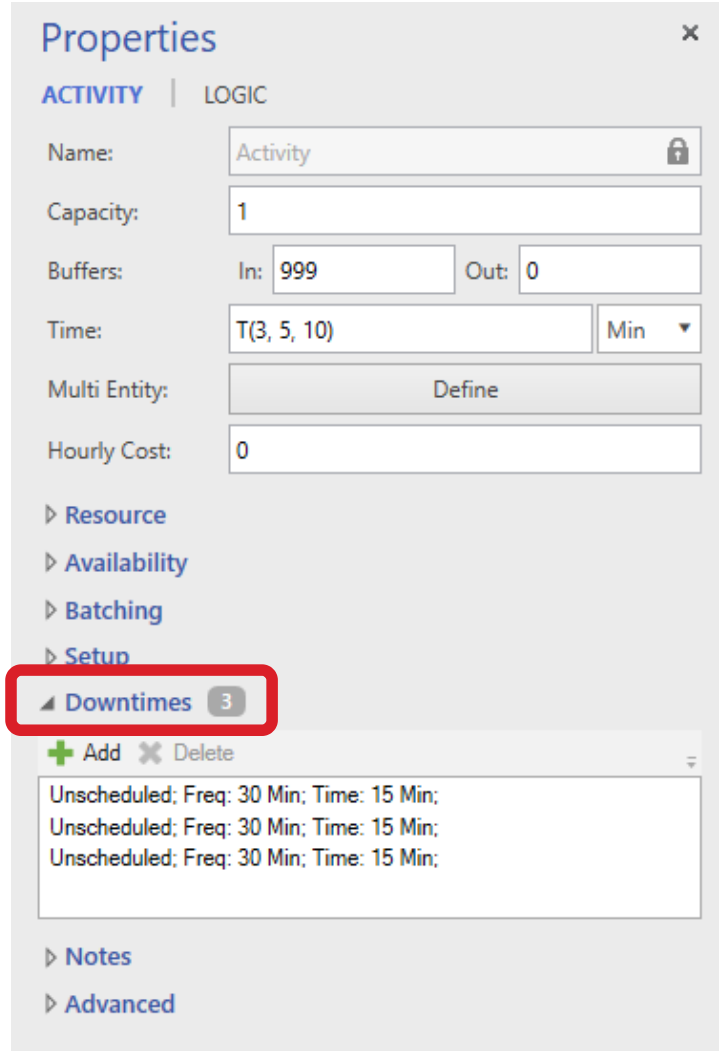
Indicators in the Properties Window show how many Setup times were defined



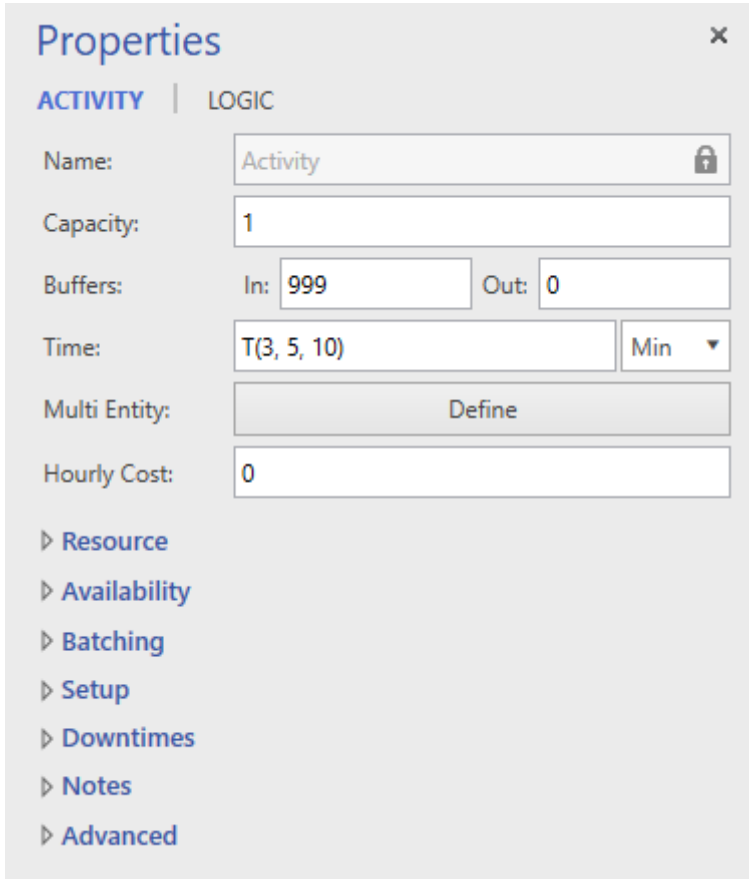
Properties Enhancements



Indicators in the Properties Window show how many Downtimes were defined

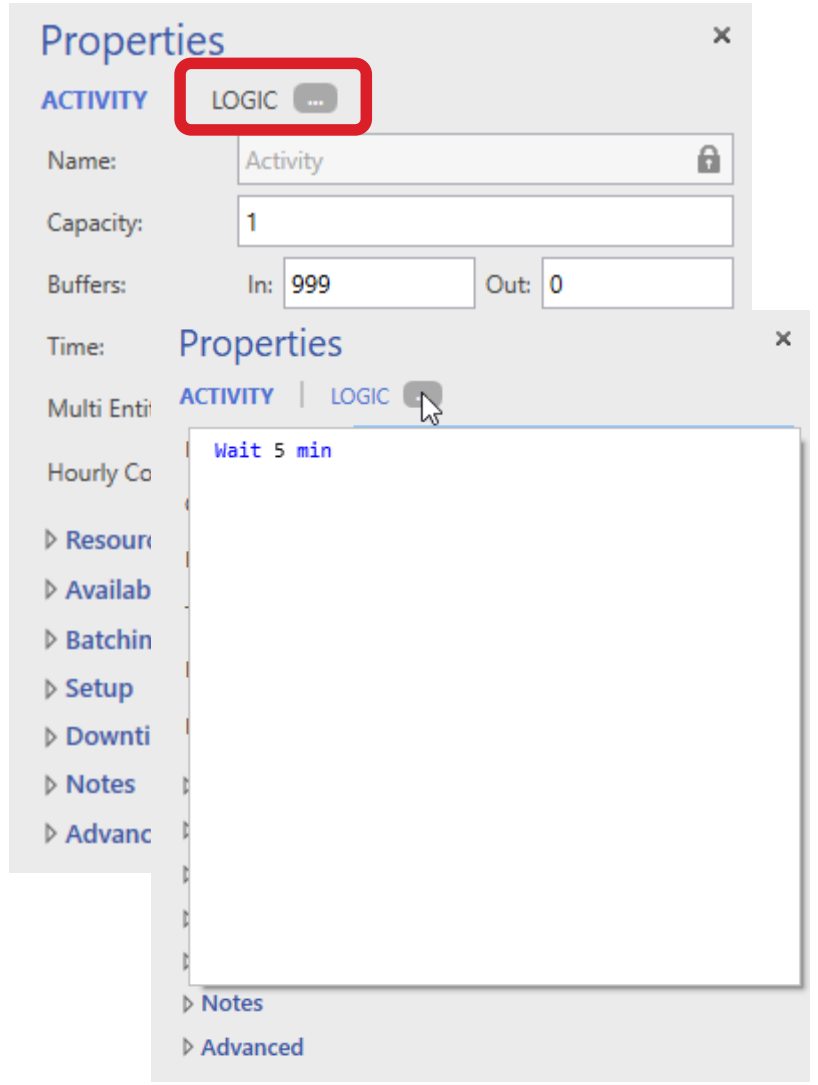


Properties Enhancements

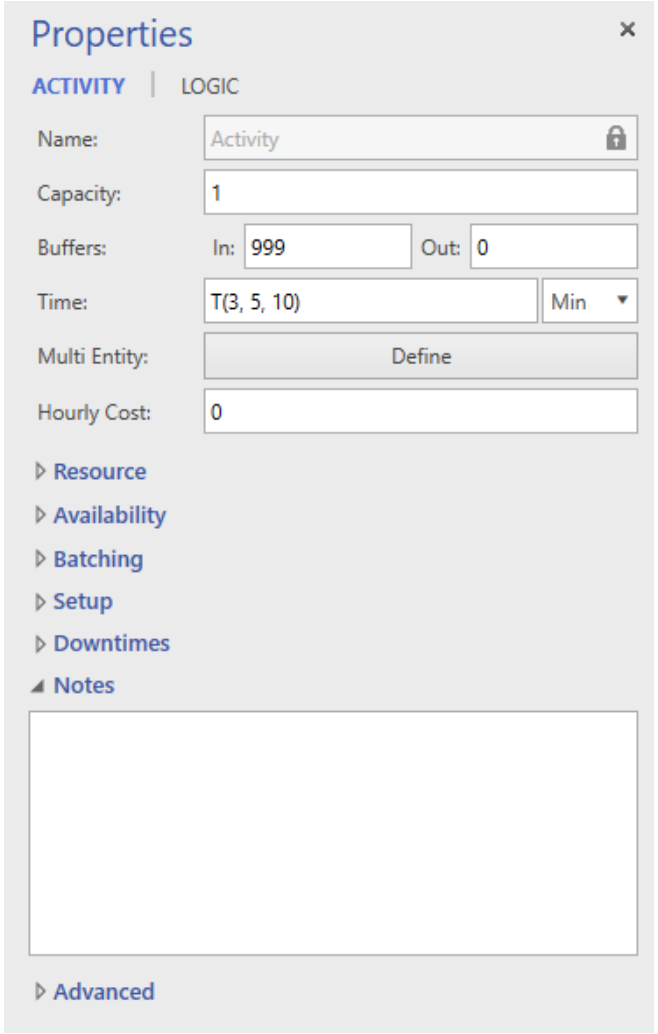


Once logic is added an indicator shows there is logic in the logic window

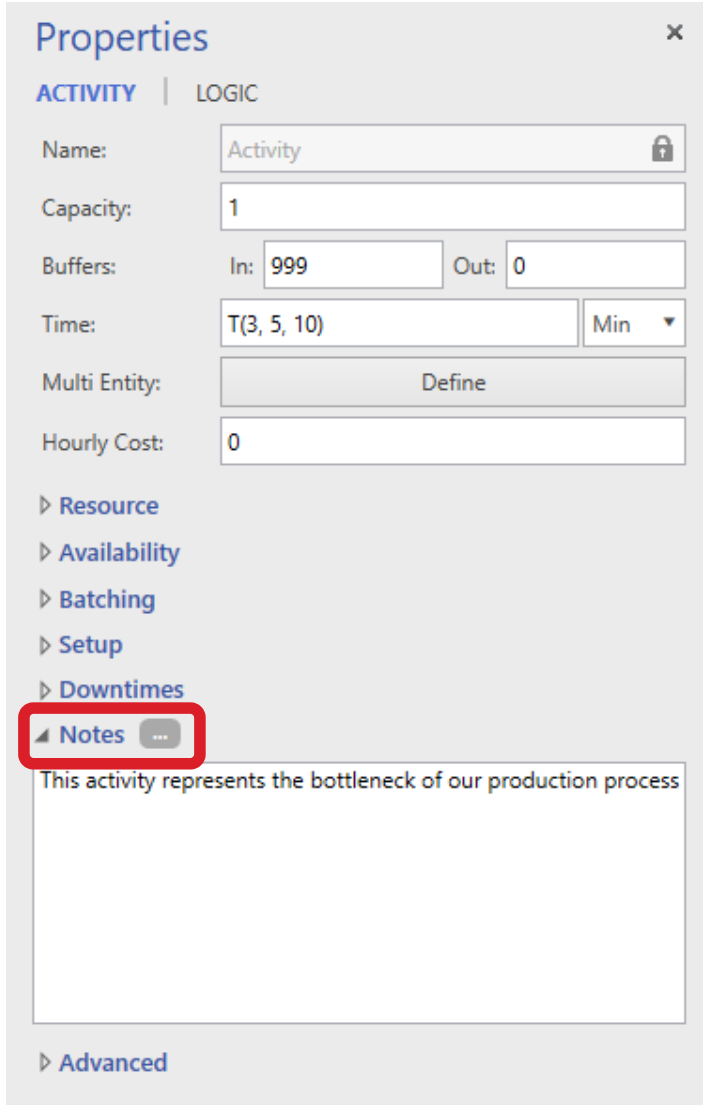
A preview of the logic window can be seeing by hovering the mouse over the … indicator



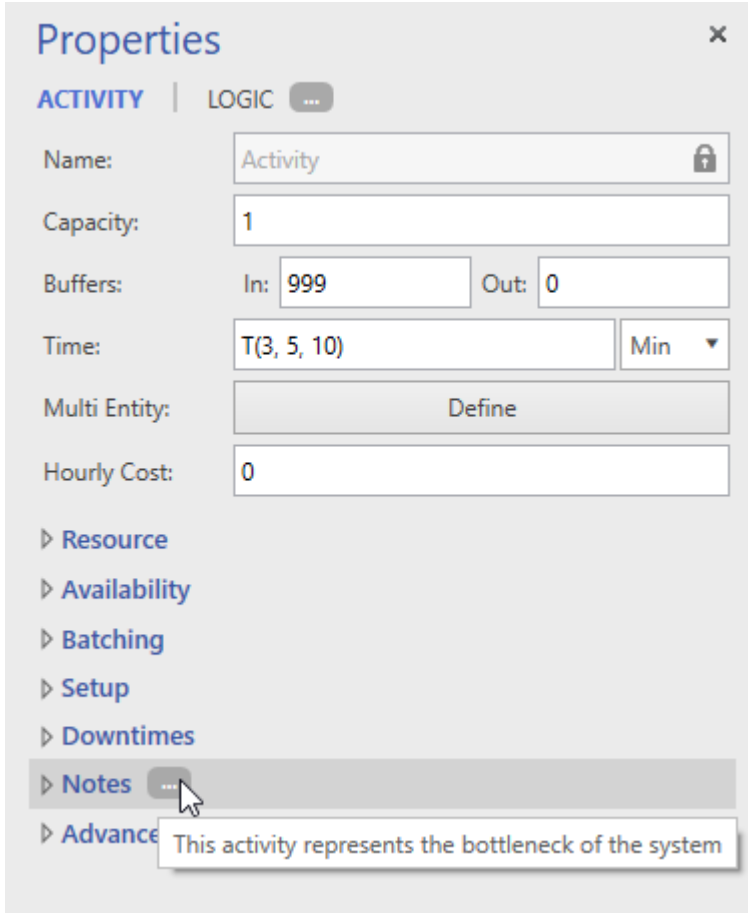
Properties Enhancements



Once notes are added an indicator shows there is information in the Notes tab

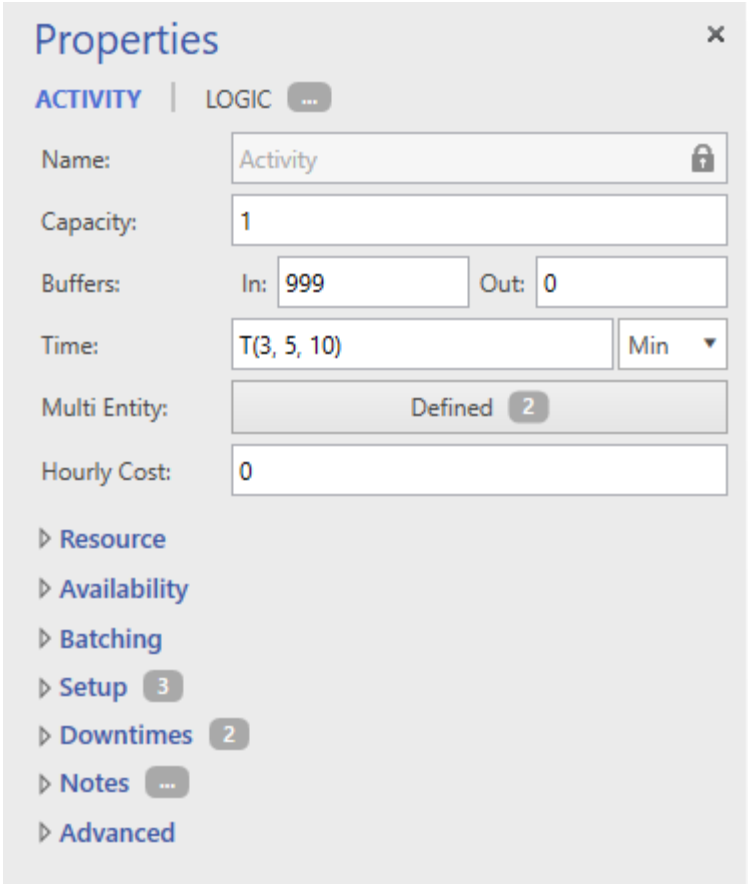


Properties Enhancements



By hovering the mouse over the … indicator it is possible to see the text inside the Notes window

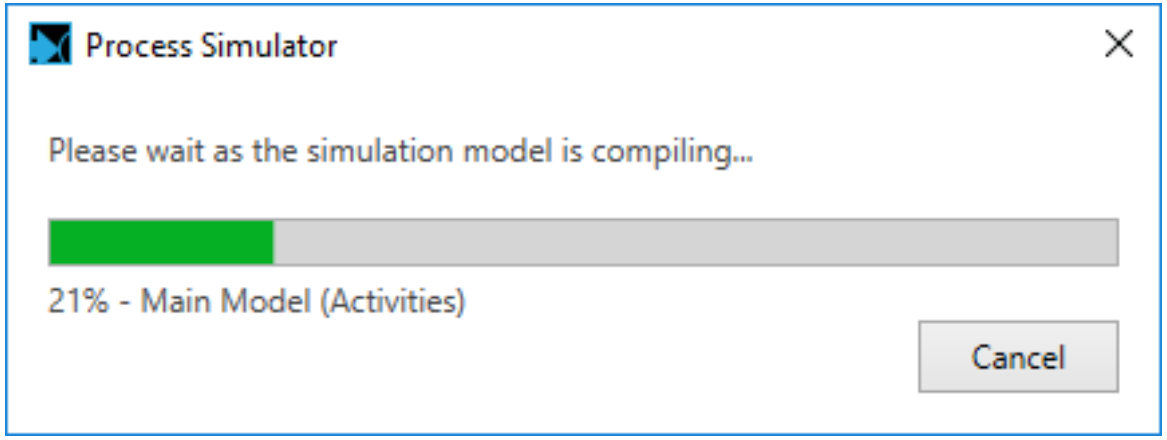
Properties Enhancements



With multiple indicators you can see all that is in the Property Window just by glancing at it

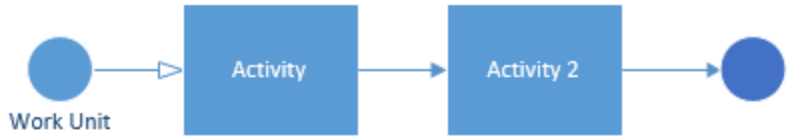
Model Compilation Speed Increase

- Compiles 20-30% faster than Process Simulator 2016.



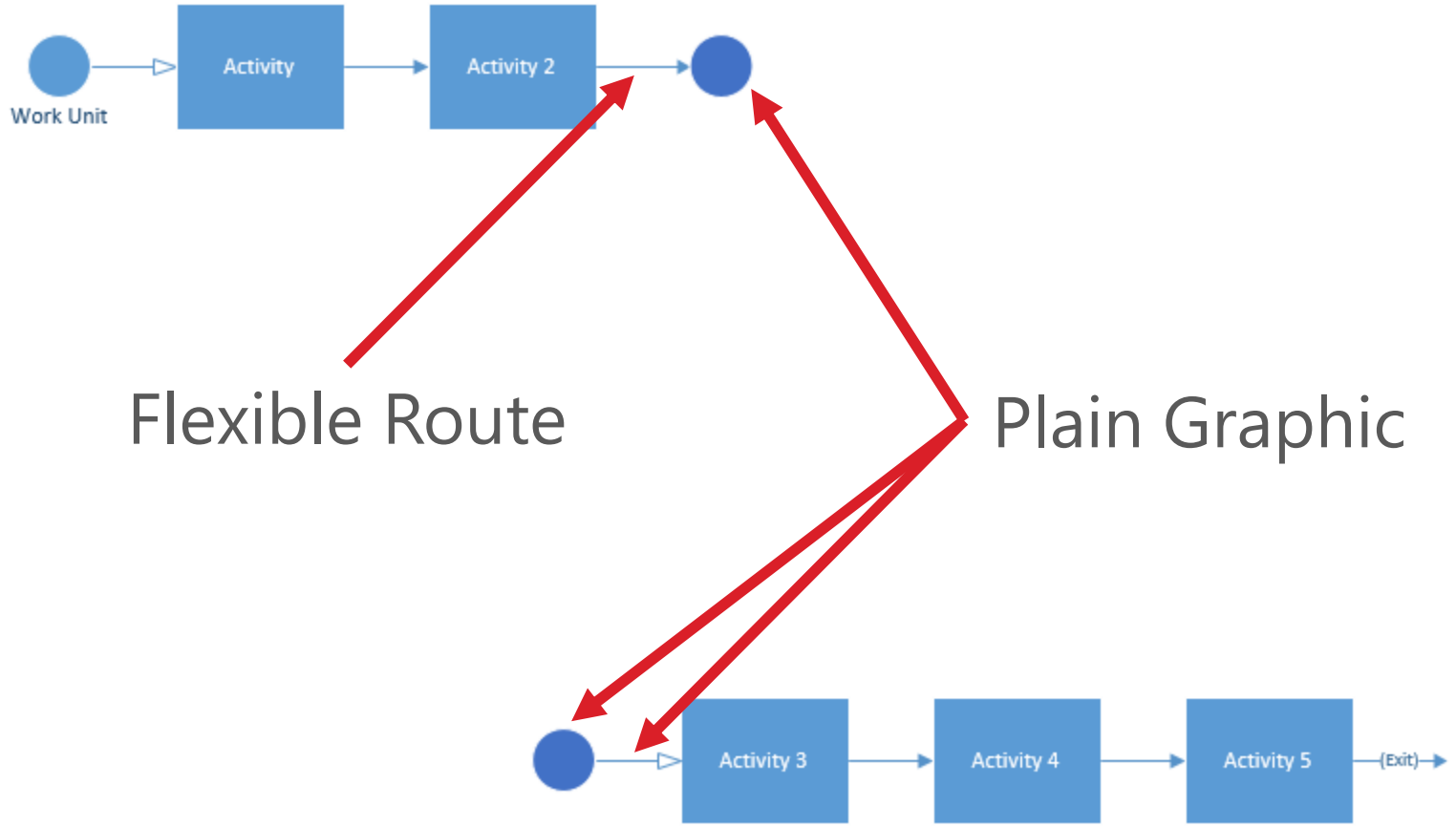
On-page and off-page connectors

On-page connectors

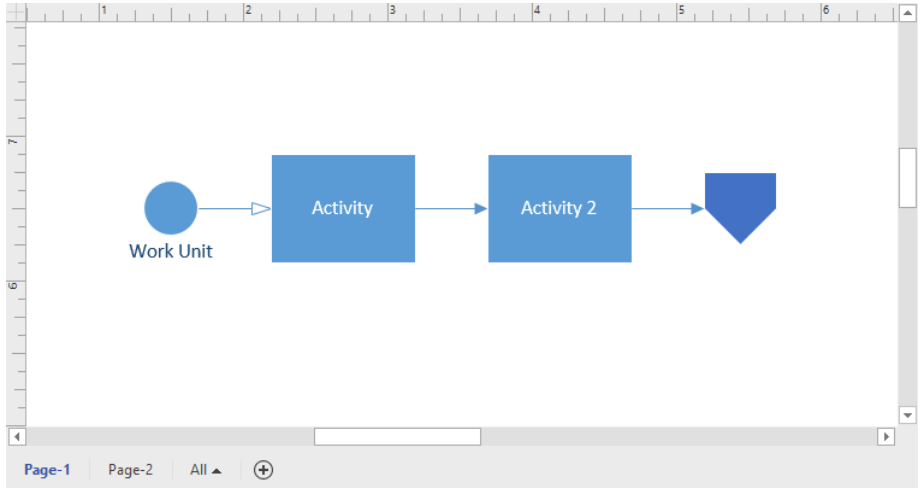


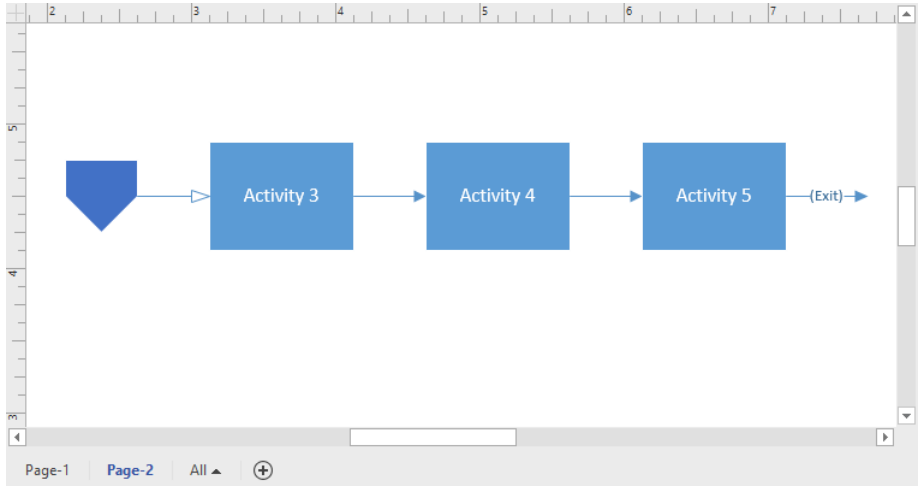
Used when we want to connect different flow charts on the same page

On-page connectors



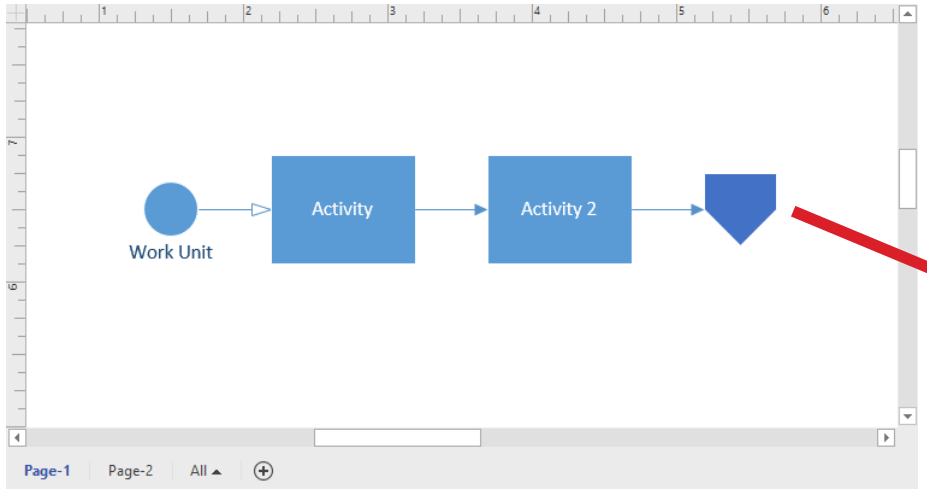
Off-page connectors

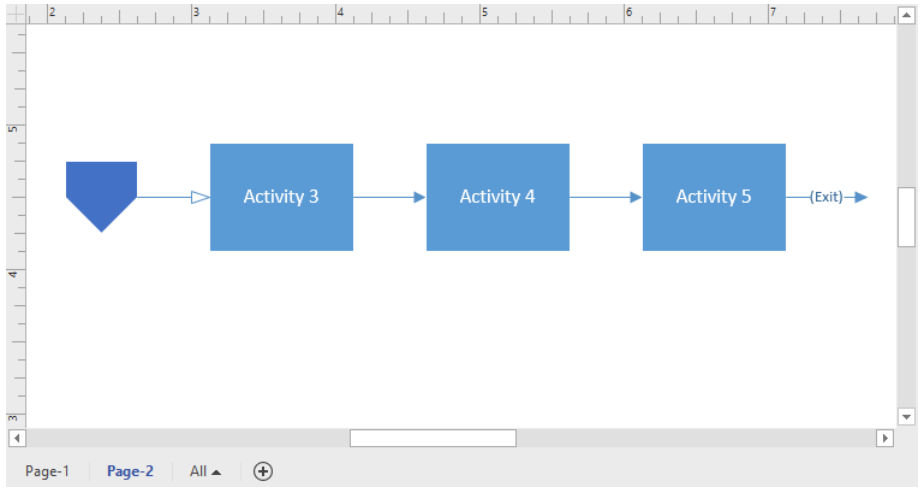


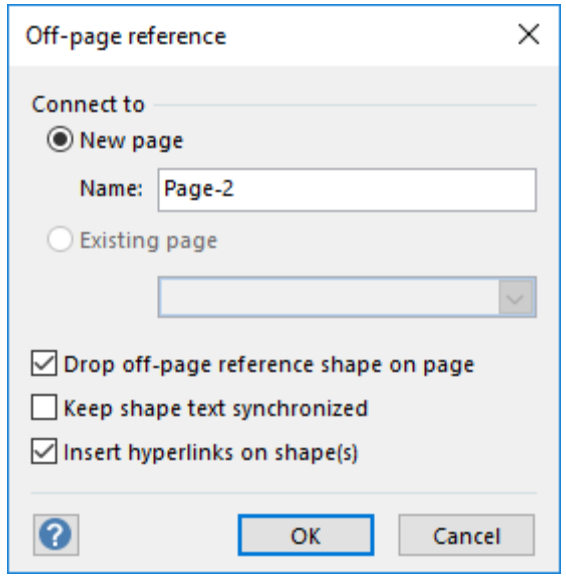


Used when we want to connect different flow charts on different pages

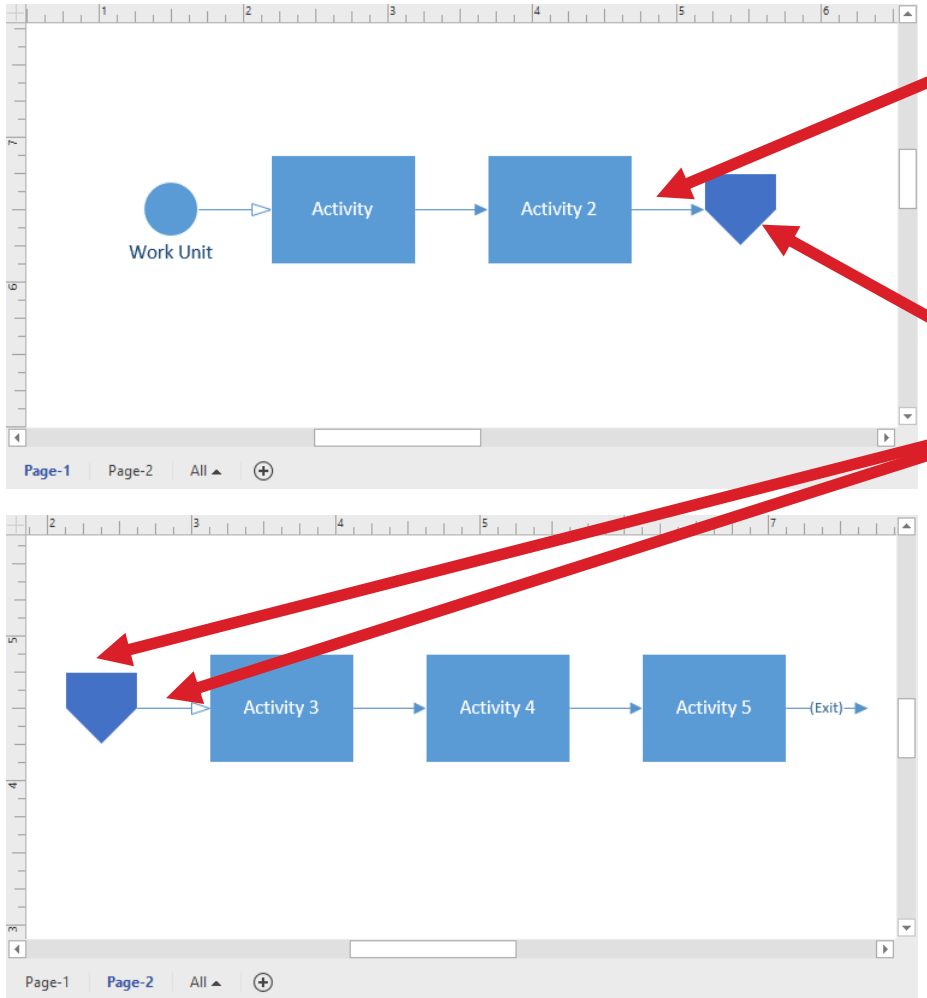
Off-page connectors







Off-page connectors



Flexible Route

Plain Graphic

ProModel®
Better Decisions—Faster

What are Hierarchical Models?

- Hierarchical models are simply models that are built on top of models (or submodels).
- It's a way of rolling-up detailed processes into high level views, or "black box-ing" areas of your model at a higher level.

Creating a Submodel

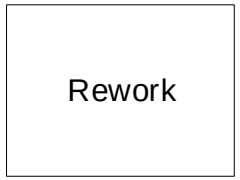
- Process Simulator allows you to model detailed processes and link them to a higher level process or summary view.
- The first step is to create a sub model. This sub model could be an entirely separate Visio (.vsdx) file, or simply another page within your existing model.
  - To create a sub-model within your current model, select the New Page icon at the bottom of the Visio screen.

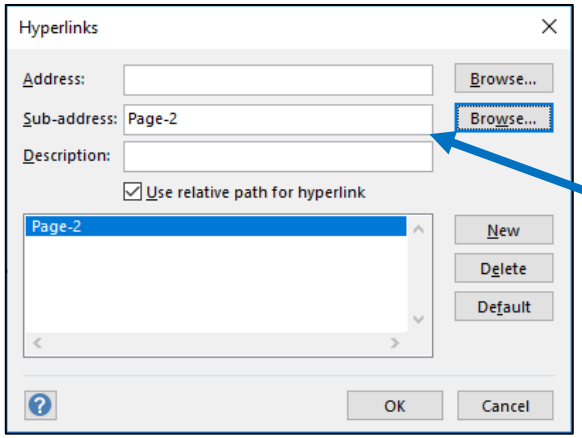
  - On the New Page (i.e. Page-2), you can create a separate model.

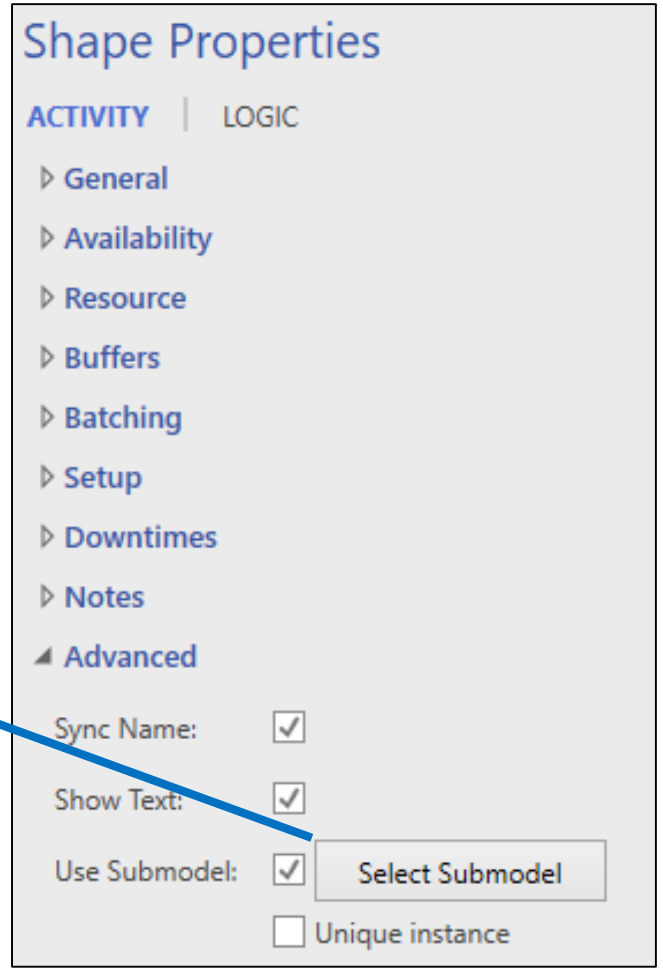
- The second step will be to create a link between the two pages.

Defining a Submodel

- Select the parent activity you wish to link to a sub model
- Select Advances in the Shape Properties. You can Enable or Disable the use of this submodels within your Process Simulator logic by selecting or deselecting “Use Submodel”
- Check Use Submodel. And Select the sub model to use.
  - Enter the Visio file name or the Page name and click OK
  - For pages within the same .vsdx, use the “Sub-address” field
  - To link to other .vsdx files (on a hard drive or network drive), use the “Address” field

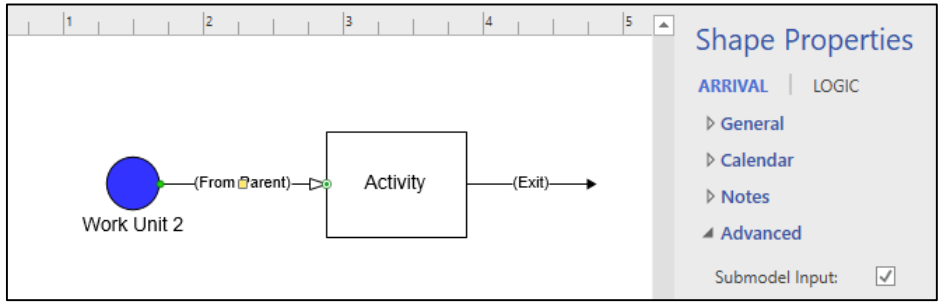






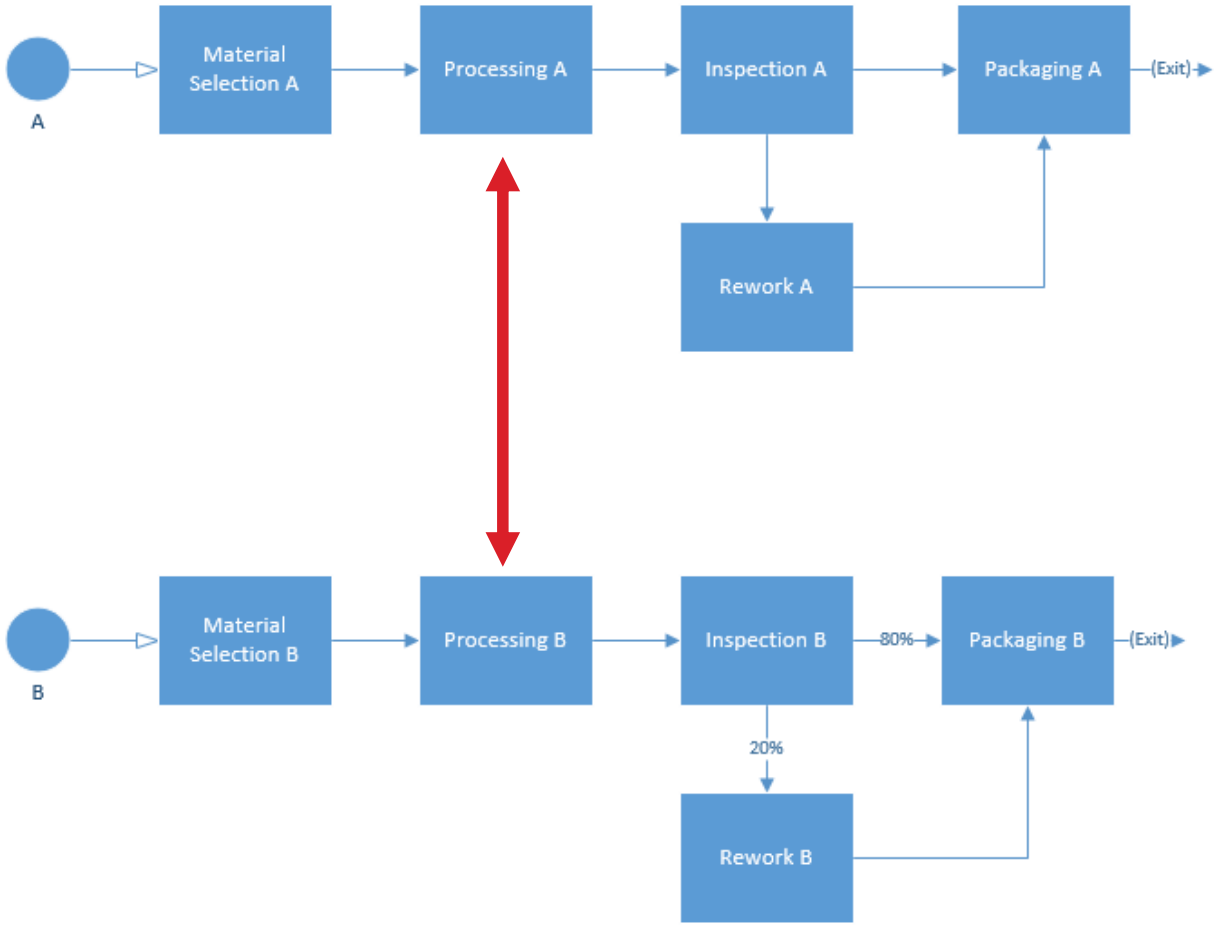
Hierarchical Modeling Rules

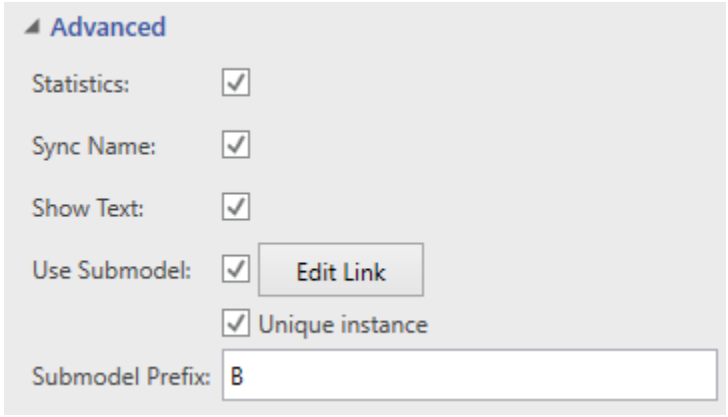
- If the Submodel checkbox is checked for an activity, there must be a sub model defined.
- Entities enter a sub model at an activity that has either:
  - No incoming routing connection
  - An arrival connection with “Input to Submodel” checkbox checked
- Entities either exit the model from their sub model, or route back to the parent if the “Output from Submodel” checkbox is checked.



Hierarchical Modeling Rules

- Two activities can share the same sub model
- If the sub model is unique to each activity we must check "Unique Instance."





FINISHED

- Thanks for attending this training course! We hope it was helpful.
- Remember, help is only an email or phone call away.
- Good luck and happy modeling!

Technical Support
888-776-6633
support@promodel.com
6 am - 6 pm M-F, Mountain Time