Simio
Forward Thinking

Existing user? Sign In ▾   Sign Up

Forums   Browse   Activity   Simio.com

Search...   🔍

Home > Forums for Simio Insiders Only (See Public Forums Welcome topic to sign up) > SI General Discussions >
Create Server Input/Output Node from Table

📰 All Activity

Create Server Input/Output Node from Table

By Annika
June 27 in SI General Discussions

⮜ **Share**   **Followers**   0

Annika

Posted June 27   •••
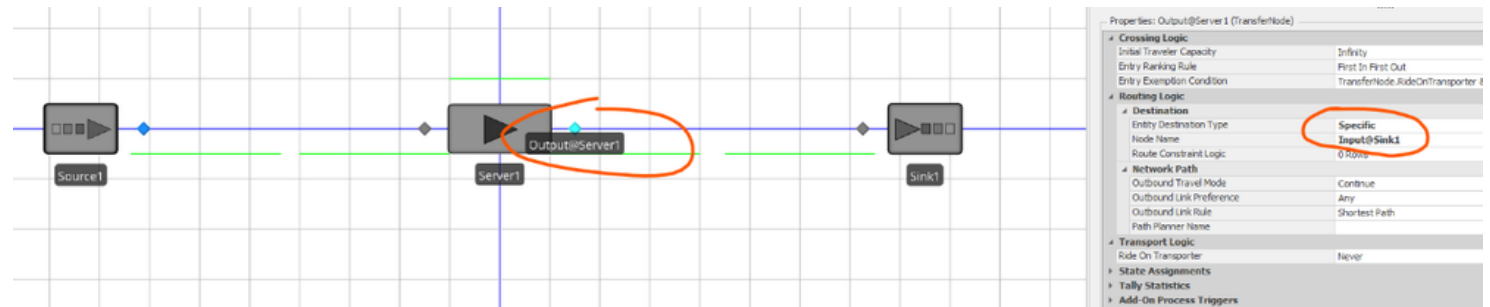
Members

MEMBER
Simio

💬 8
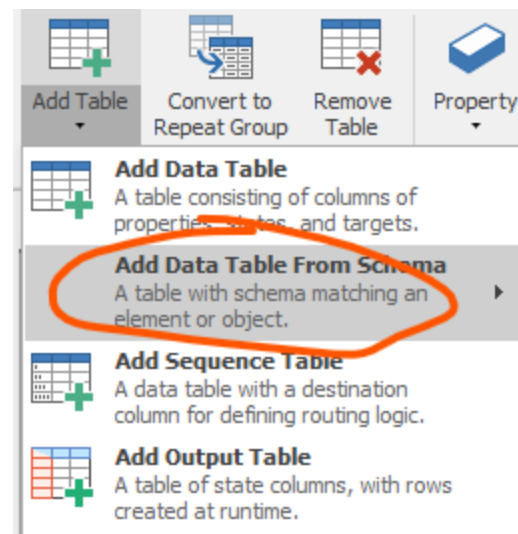**First Name:** Annika

Hello,

I would like to auto-create a new server object from a table and assign the "Entity Destination Type" as well as the "Node Name" from values in the table.

I have tried used the Add Data Table From Schema option for the Server object, but this only covers table columns for the server NOT the input or output nodes.

I have tried subclassing the server object (MyServer) and setting the "Entity Destination Type" and "Node Name" of the output node of the MyServer object. That works well but I would need different MyServer objects for every unique combination of "Entity Destination Type" and "Node Name". For example, MyServerA would route to "Specific" and "Input@Sink1" and "MyServerB" would route to "Specific" and "Input@Sink2".
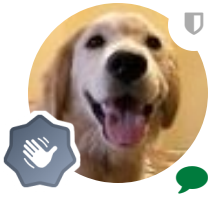
But I would rather just have a single MyServer object and use a table column to set the values for the output nodes.

What is the best way of doing that?

cwhitehead

Simio Employee

SIMIO EMPLOYEE
►Simio

💬 25
First Name: Caleb

Posted June 27

Hi Annika,

First, you will need to set up a data table where you are auto-creating the objects. I would recommend subclassing the Server into MyServer like you mentioned. In the data table, add an Object Instance Property column and set *Object Type* to 'MyServer' and *Default Value Instantiation* to 'AutoCreateInstance'. Then add two Node Instance Property columns, one that you can list the destination Node and the other where you list the Output Node of the auto-created MyServer. Ensure you set *Auto-set Table Row Reference* on the column where you list the Output Node of the auto-created MyServer to 'True'. Then on the MyServer, set *Entity Destination Type* to 'Specific' and *Node Name* to 'TableName.NodeInstancePropertyName'. You can then right click on the MyServer and select 'Update 'MyServer' Property Defaults From This'. You can then add more MyServers into the data table where you are auto-creating them and they will all route the entities to the correct next Node.

Caleb

🤍 1

Annika

Members

MEMBER
►Simio

💬 8

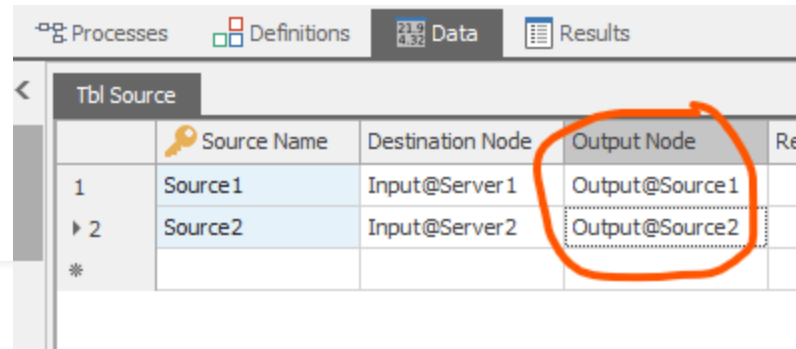**Posted June 28**   Author

Thank you so much!

The piece that I was missing was adding the output node as a column with *Auto-set Table Row Reference* set to True. By adding this column and setting the row reference it therefore connects the source block with its output node.

First Name: Annika

< Go to topic listing

[I have shown a source object but the same is true for the Server object.]

Home > Forums for Simio Insiders Only (See Public Forums Welcome topic to sign up) > SI General Discussions >
Create Server Input/Output Node from Table

All Activity

Theme ▾   Contact Us   Cookies

©2024 Simio LLC