

Relationship Types

Relationship Types dictate what Item Types are legally related to other. When you create a Relationship Type, a Relationship ItemType is automatically created in the database with the same name.

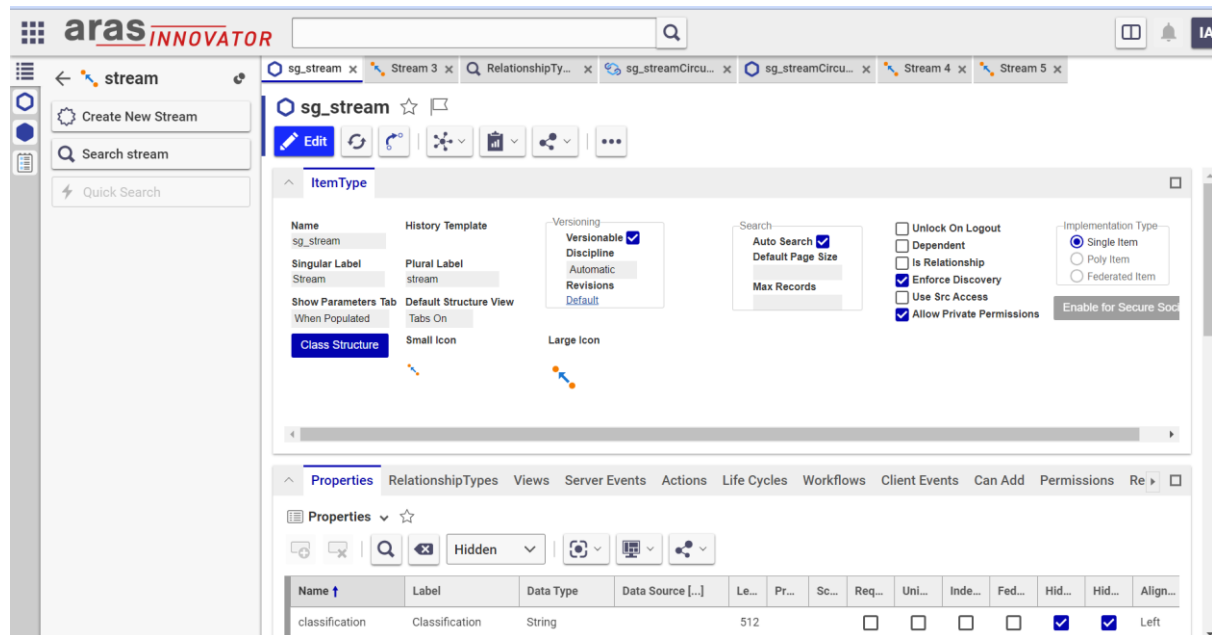
Types of relationship:

- 1.circular
- 2.Null
- 3.OneToOne

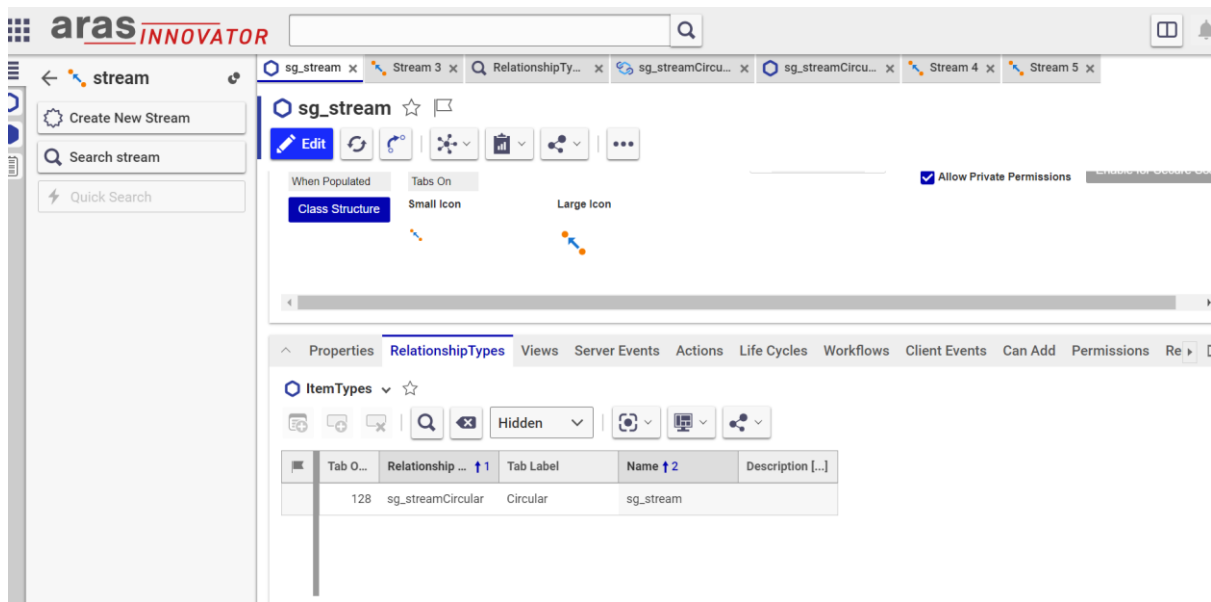
Steps to create Relationship between two item type:

- 1.First of all create two item type.
- 2.Go to the relation tab and click on relationship type.
- 3.Add existing item type into that and assign label and relationship name.
- 4.Automatically one relationship type item type will create just click on it and now you can add extra properties in this itemtype.

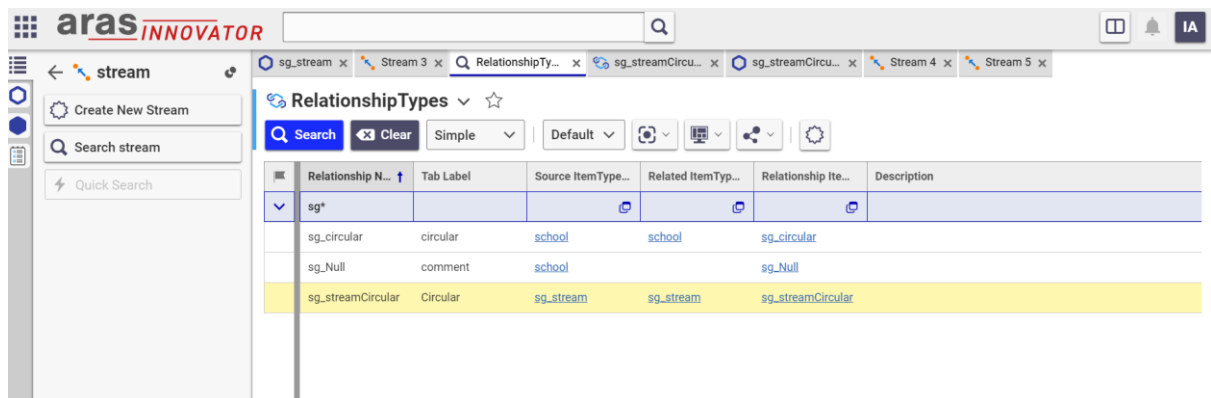
This is our Parent item type



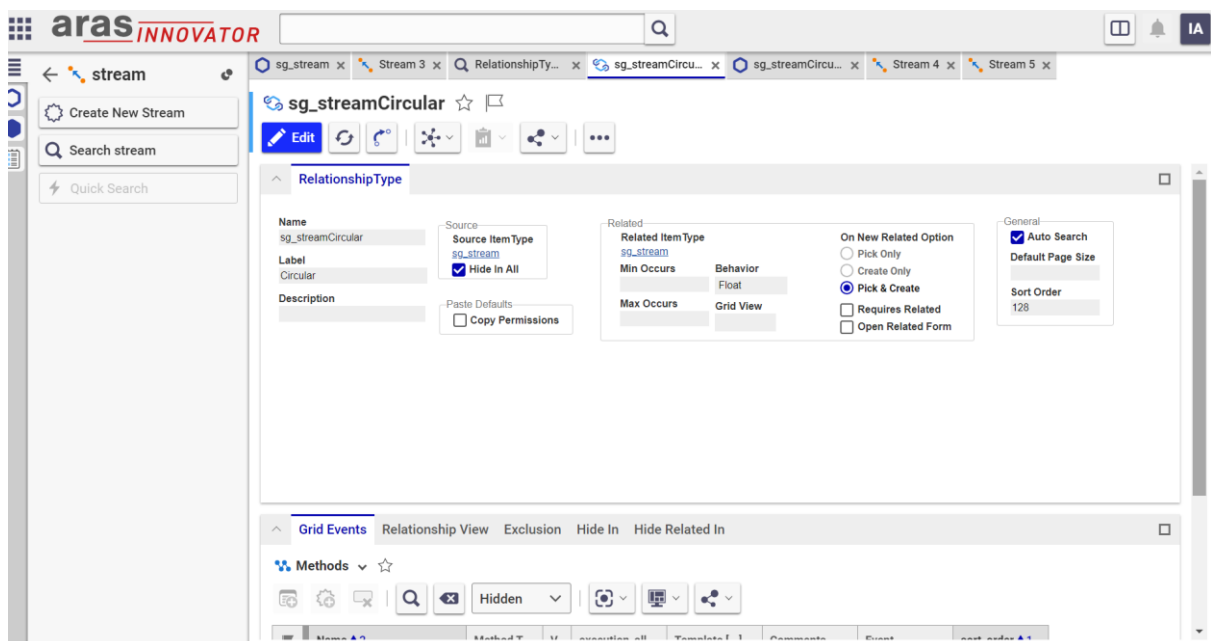
Circular relationship-In this relationship we have to link the parent item type only



Relationship type is automatically created



go to TOC>>Administration>>Relationship type>>sg_streamcircularrelation



The screenshot shows the 'sg_streamCircular' properties grid in the aras INNOVATOR interface. The grid has columns for Name, Label, Data Type, Data Source, and various flags (Le..., Pr..., Sc..., Req..., Uni..., Inde..., Fed..., Hid..., Hid..., Align...). The properties listed are:

Name	Label	Data Type	Data Source	Le...	Pr...	Sc...	Req...	Uni...	Inde...	Fed...	Hid...	Hid...	Align...
permission_id		Item	Permission				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Left
related_id		Item	sg_stream				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Left
sg_streamlocation	sg_streamLocation	String		32			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Left
sg_streamname1	sg_streamName1	String		32			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Left
sort_order		Integer					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Left
source_id		Item	sg_stream				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Left
state		String		32			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Left
team_id	Team	Item	Team				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Left

Added two properties which are appears in relationship grid

The screenshot shows the 'Stream 4' configuration in the aras INNOVATOR interface. The 'Circular' tab is active, showing a list of properties including sg_streamid, sg_streamName, and sg_streamLocation. The 'Stream' tab is also visible, showing the sg_streamid and sg_streamName properties.

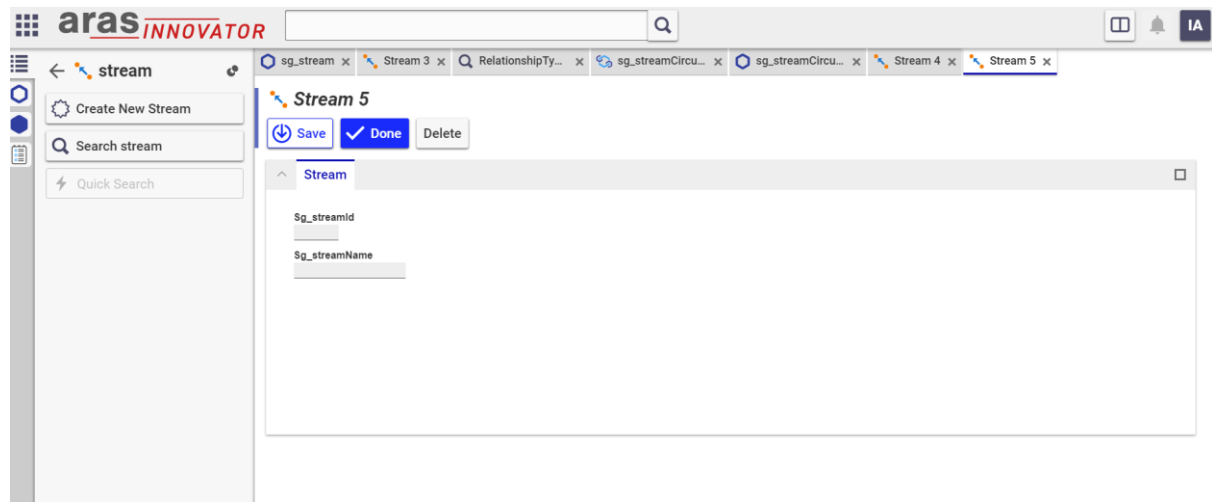
Hide in all- If we click on hide in all

The screenshot shows the 'sg_streamCircular' RelationshipType configuration in the aras INNOVATOR interface. The 'RelationshipType' tab is active, showing the 'Source' and 'Related' item types, and the 'General' settings. The 'Source' item type is 'sg_stream' and the 'Related' item type is 'sg_stream'. The 'General' settings include 'Auto Search' (checked), 'Default Page Size' (128), and 'Sort Order' (128).

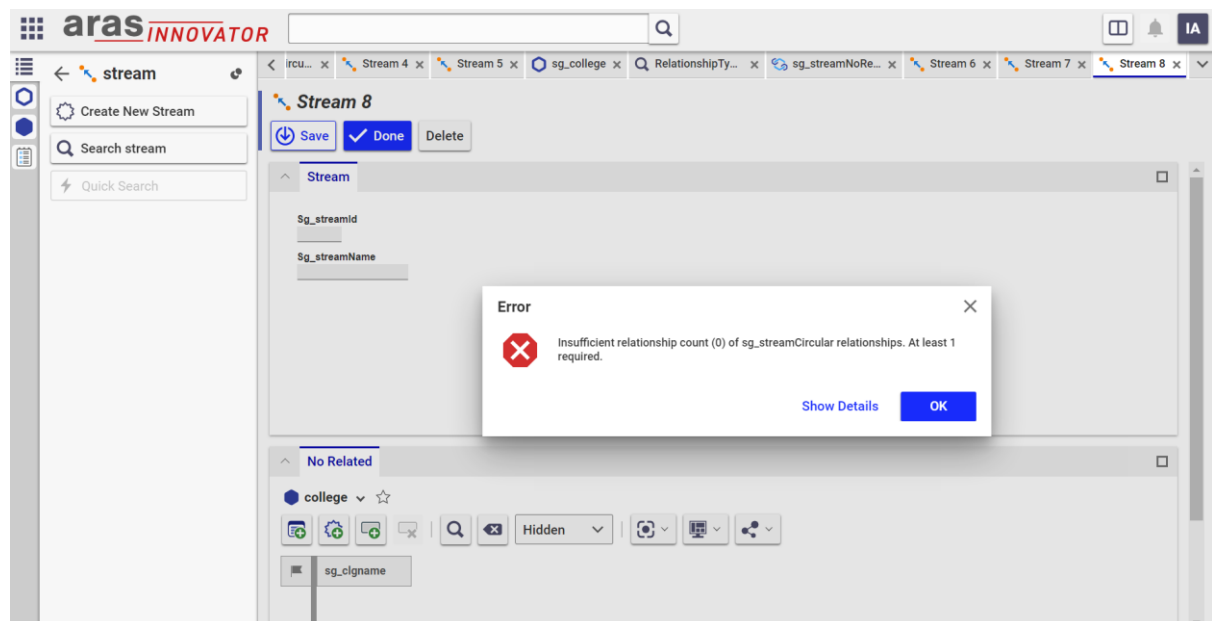
For relationship hide It will off the tab

Hidden1- It is used to hide the properties on search grid

Hidden2- It is used to hide the properties that comes under tab



Min occurs-



Name -Name of the Relationship

Label -Label displayed on Item Relationships Tab Source Item Type Name of the Parent ItemType

Hide in All- If checked, hides the relationship on the Relationships Grid of the parent Item

Copy Permissions- a user can copy a relationship from one item to another by choosing the Copy action in the relationship grid (right click menu).

Note: If a user performs a Paste Special and selects the Create Related option, the related Item is copied. If the related item has a Private Permission, the Private Permission is also copied to the new related Item(s).

Min Occurs- Minimum number of relationships required

Max Occurs -Maximum Number of connections allowed

Grid View Right - places the related item properties (the columns) on the right side of the grid; the relationship properties are listed to the left of those columns Left - places the related item properties on the left of the grid before all the relationship properties have been listed

Intermix - the columns are ordered only by the sort order value of each property, so the relationship properties and the related properties will be intermixed

Auto Search- Search automatically for related Items of this

Relationship- Default Page Size Search grid page size

Sort Order- order of Relationships Tab on an Item

Null Relationship:

NULL relationships are useful when you need to provide the ability for a user to add more than one piece of the same information to an Item but do not need or do not have another ItemType to make a connection.

