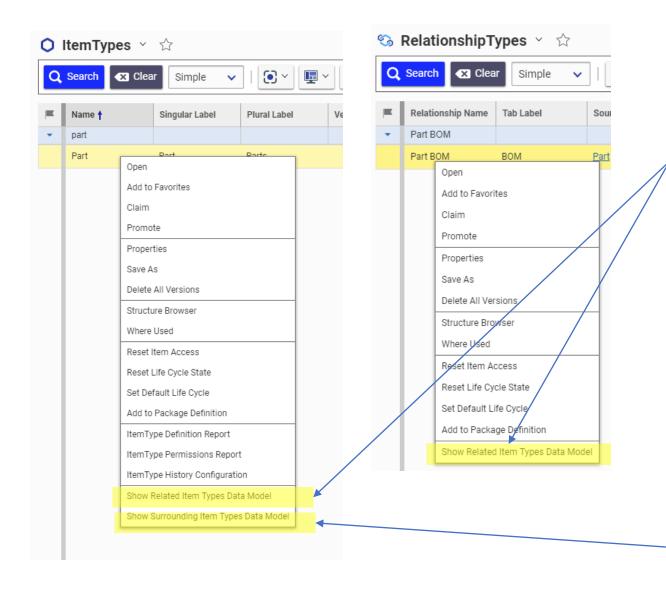
Innovator Data Model Graph View

Overview

Purpose:

allows Administrators to graphically view the data model of an ItemType with all its Relationships, related Items Types and Item Property links.

- This solution is targeted for Aras Innovator Administrators only.
- 2 new Actions are introduced on Item Type "Item Type".
- Each starts a different Graph View based on a different Query Definition
 - Graph View: "Innovator Data Model Down" will resolve relationships to other Item Types recursively. And it will also resolve all item Property to their target Item Types.
 - Graph View: "Innovator Data Model Surround" (360°) will resolve relationships to other Item Types one level down and one level up (where used). And it will also resolve all item Property to their target Item Types and item Properties pointing to this Item Type with their source Item Types.
- From the Graph View the displayed ItemTypes, Relationships, and Item Properties can be opened using right click action "Open Item".
- If on an ItemType block, another right click action "Open Graph View" allows to start this GraphView again starting with the selected ItemType.

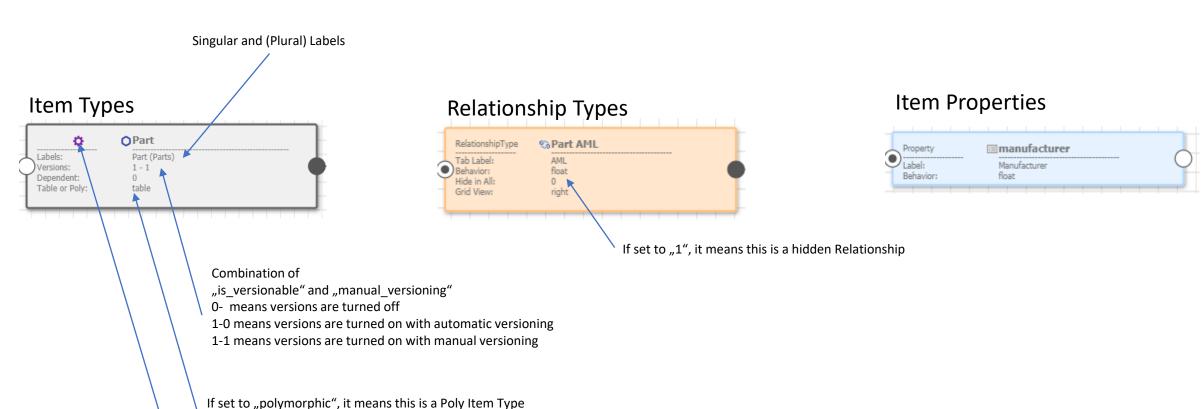


Graph View: "Innovator Data Model Down" will resolve relationships to other Item Types recursively. And it will also resolve all item Property to their target Item Types.

Graph View: "Innovator Data Model Surround" will resolve relationships to other Item Types 1 level down and 1 level up (where used). And it will also resolve all item Property to their target Item Types and item Properties pointing to this Item Type with their source Item Types.

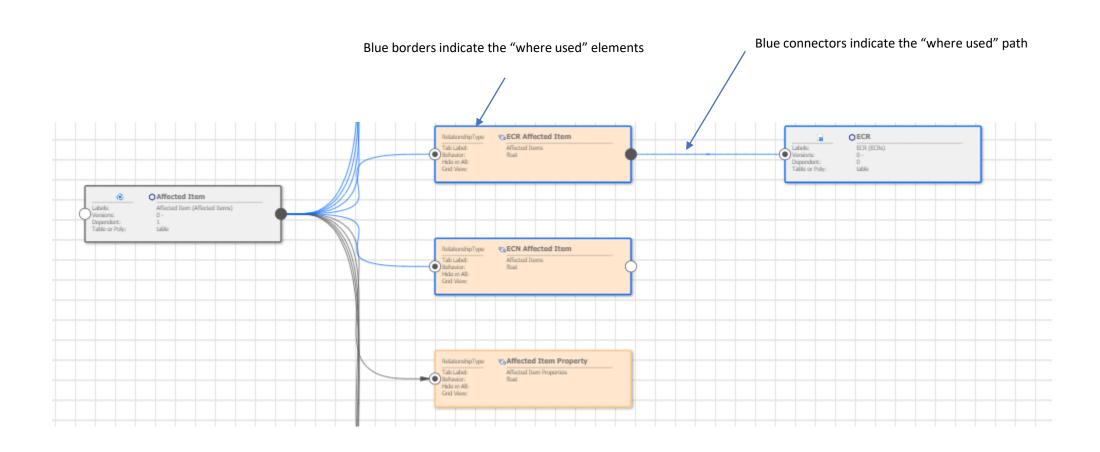
Graph View Cards

Configured icon on this ItemType (open_icon)

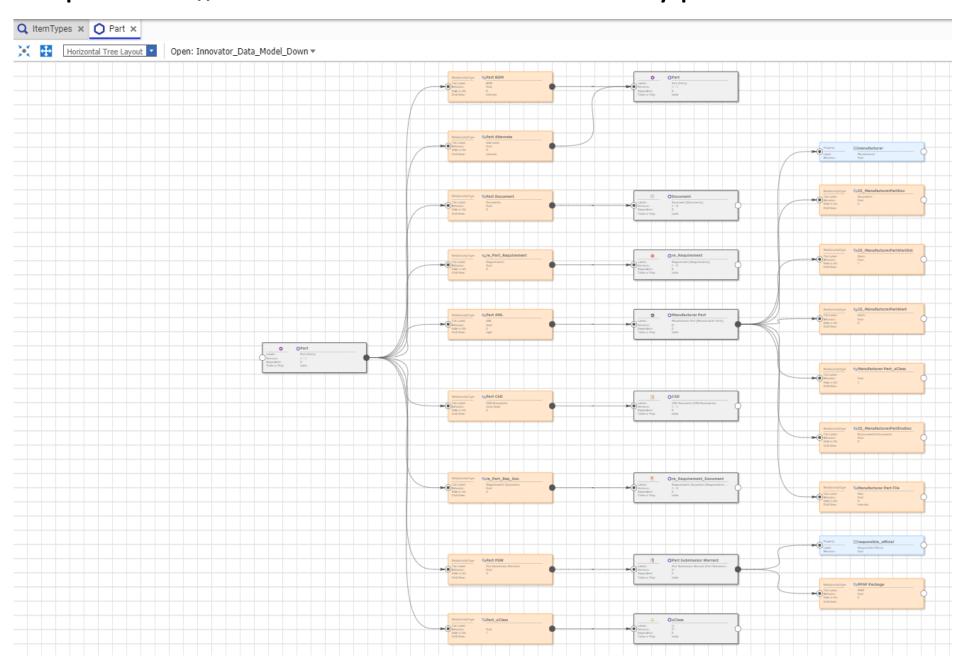


Where Used – Connectors and Colors

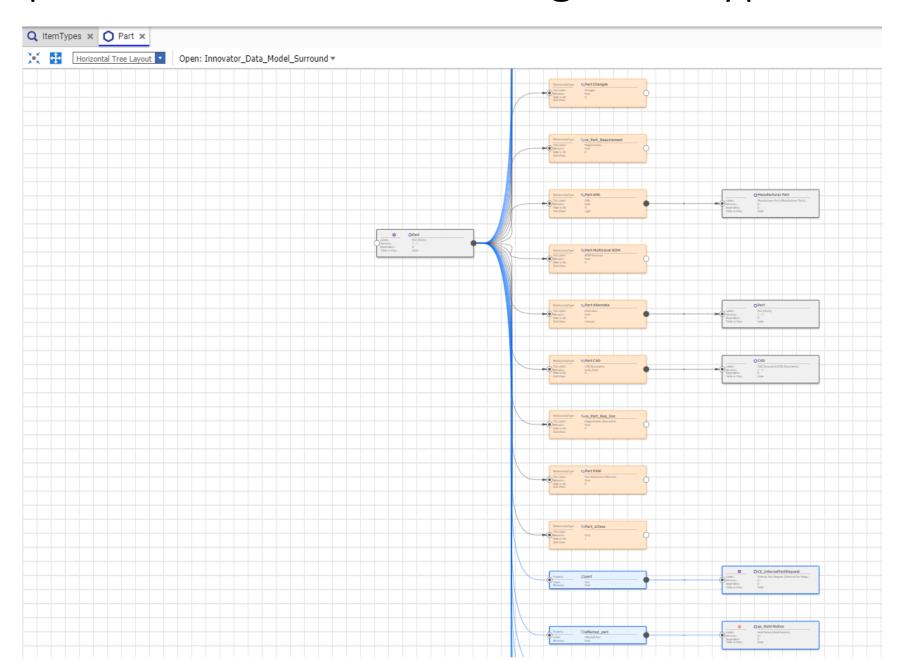
Graph View: "Innovator Data Model Surround" applies color coding to mark the elements of "where used" (1 level up)



Sample of "Show Related Item Types Data Model"



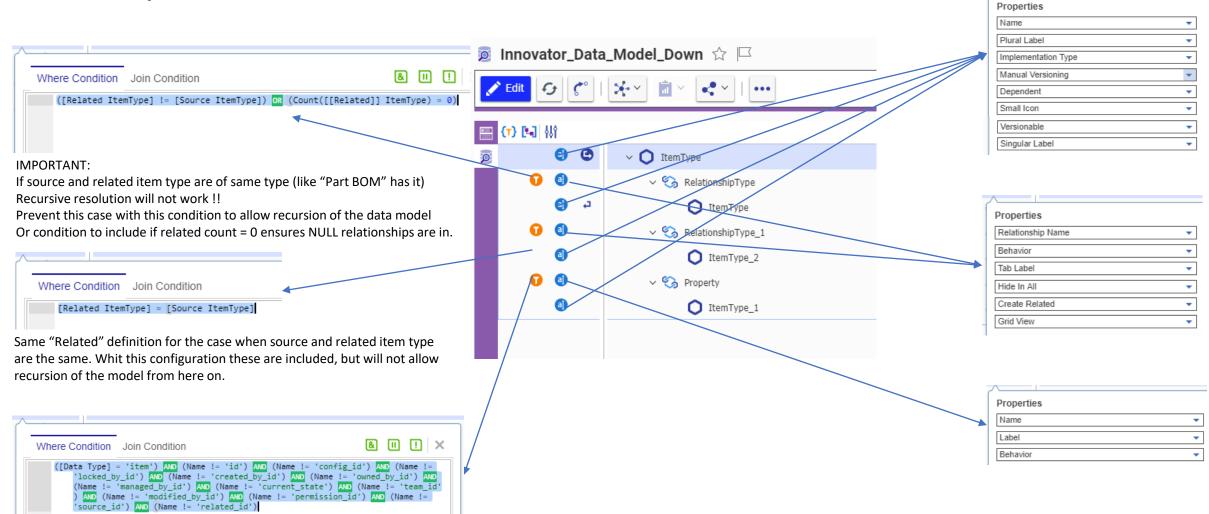
Sample of "Show Surrounding Item Types Data Model"



Innovator Data Model Graph View

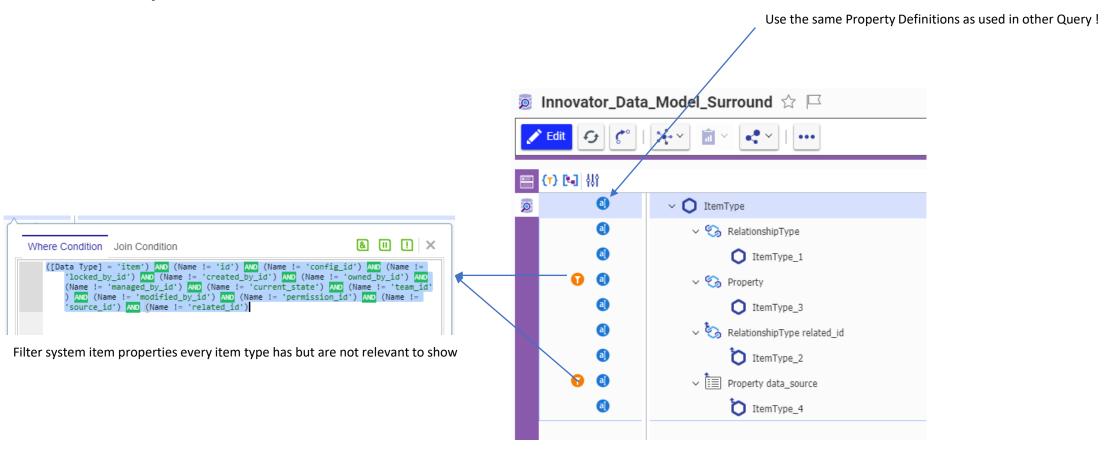
Implementation Details

Query1 Defintion



Filter system item properties every item type has but are not relevant to show

Query2 Defintion



Query3 Defintion

