

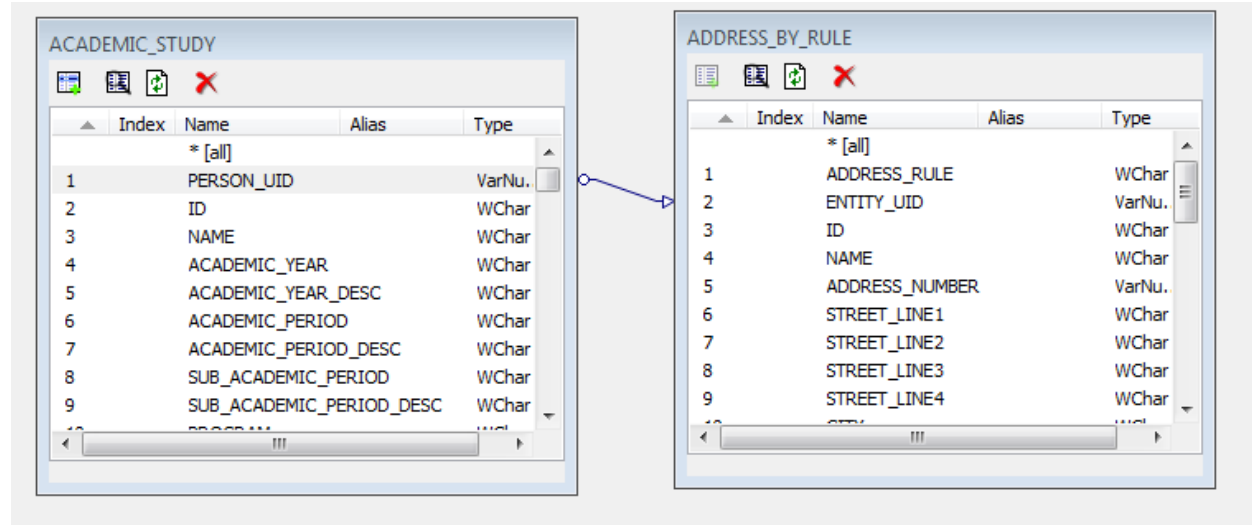
## The ADDRESS\_BY\_RULE view

The ADDRESS\_BY\_RULE table works as a hierarchy of addresses for a person depending on a rule. A rule is a list of address codes with a sequence number attached. It looks for an active address type corresponding to the first address type code in the hierarchy. If the person has that address type code, it places that address in the output of the query. If the person does not have that address type or the address type is not active, the ADDRESS\_BY\_RULE table looks at the second address type code in the sequence. If the person has an active address associated with the address type it places that address in the hierarchy. This goes on until the end of the sequence numbers associated with the rule.

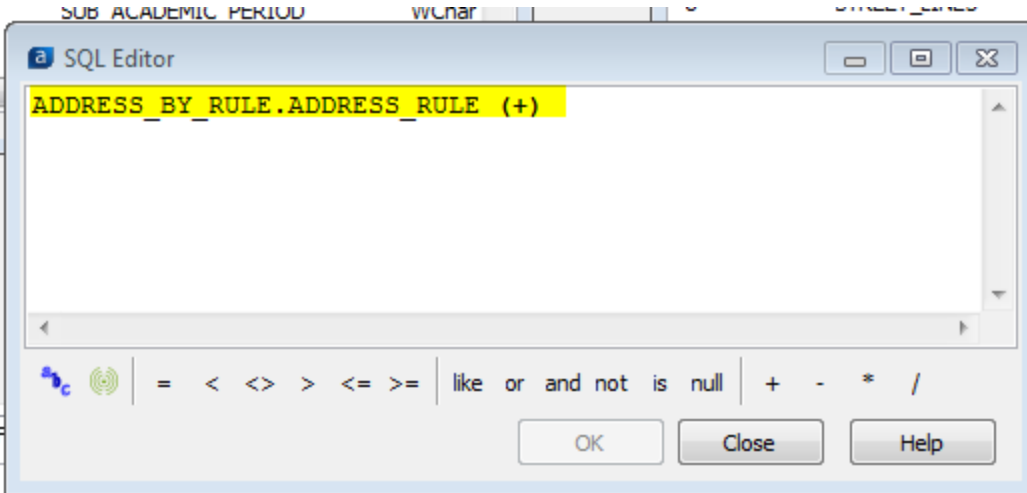
To use ADDRESS\_BY\_RULE you must add the ADDRESS\_BY\_RULE view to your query joining it to a table already in your query. Usually you will join the ENTITY\_UID to PERSON\_UID or ENTITY\_UID on another table. Then you will place the ADDRESS\_RULE column in your where (conditional fields) clause and set the ADDRESS\_RULE equal to the rule hierarchy that you selected. (A list of rules setup for the ADDRESS\_BY\_RULE view is located in Argos under the DB references folder. Run the ODSPROD –Address Rules for ODSPROD datablocks and PROD-Address Rules for PROD datablocks to see a list of rules and the hierarchies associated with them.)

If a person does not have any of these address types they will not show on the query. In order to show users that do not have an address types in the hierarchy, therefore giving a null for the address, you must outer join ADDRESS\_BY\_RULE view as well as the ADDRESS\_RULE field in the where (Conditional Fields) clause

To outer join the ADDRESS\_BY\_RULE table to another table, make sure to join ENTITY\_UID on ADDRESS\_BY\_RULE to another table either on ENTITY\_UID or PERSON\_UID. In the GUI you can drag the mouse to draw a line from the other tables PERSON\_UID or ENTITY\_UID fields to ADDRESS\_BY\_RULE ENTITY\_UID fields. Then right click on the line you created and choose Outer Left Join. The line will now have an arrow on the end and the arrow should be pointing towards ADDRESS\_BY\_RULE. See picture below.



To outer join in the where (conditional fields) clause in the GUI, make a calculated field and add in the field that you want to field slot, in this instance ADDRESS\_RULE, then add a (+) notation to the end. This will left outer join this field to your query. See the picture below.



and/or	and not	
Table	<calculated>	
Field	ADDRESS_BY_RULE.ADD	
Condition	'STUDIRADDR'	

This will allow all persons to be shown on the list with and those with active address that have been specified in the rule. If no active address is available then the address fields will be null.