

XML Schema Advanced Types

Introduction

When using a schema that contains derived types or substitution groups, some input from the user is required before you can proceed with the transformation mapping.

Providing the Schema

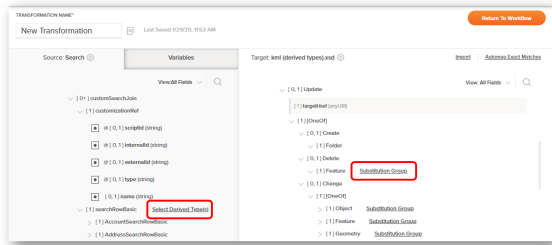
Derived types or substitution groups are common in XML-based XSD and WSDL schemas. You can upload these types of schemas [in an activity](#) or [in a transformation](#), or they may be fetched directly from the endpoint by some connectors. For example, response schemas returned by a saved search in a [NetSuite Search activity](#) often contain derived types.

More information about defining schemas is available under [Schemas](#).

Selecting Derived Types or Substitution Group

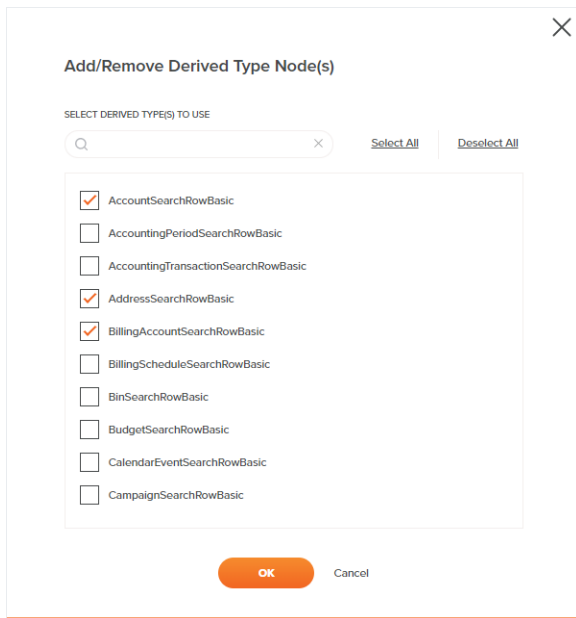
Once the schema is provided, you select the derived types or substitution group within the transformation. There may be nodes for which you can select derived type(s) on either the source or target side of the transformation.

A link to **Select Derived Type(s)** or **Substitution Group** is displayed next to the node name as applicable:



The user interface is the same for both selecting derived types and selecting a substitution group.

Click the link **Select Derived Types()** or **Substitution Group** to open a window where you can select from the available nodes:



To filter the list of nodes, enter any part of the node name into the search box. The search is not case-sensitive.

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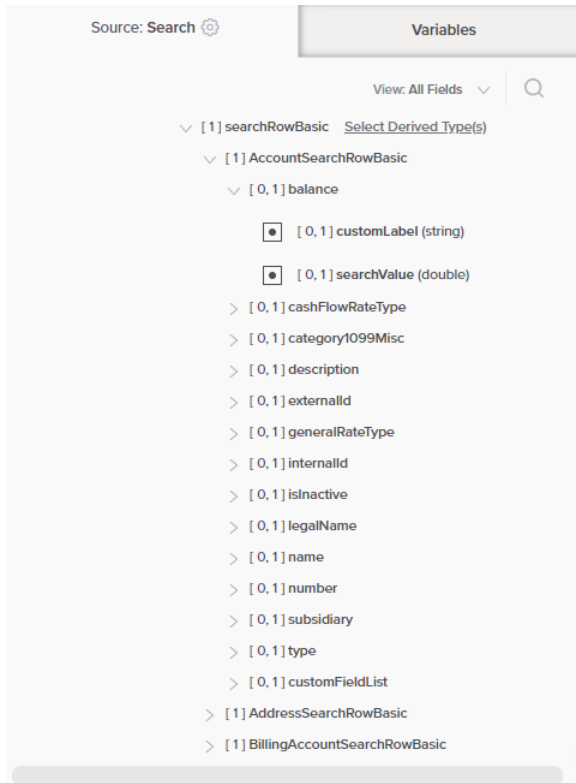
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Select the desired nodes using the checkboxes next to the node names. The **Select All** and **Deselect All** links can be used to select or clear all nodes at once. Then click **OK** to use the derived-type nodes within the schema.

The selected nodes will then be shown within the schema, and can be expanded or collapsed to show additional child nodes and fields within them:



After selecting nodes, to change your selections, again click the link **Select Derived Type(s)** or **Substitution Group** to return to the selection screen and add or remove nodes as appropriate.

You can then proceed with the transformation mapping as normal, mapping the source fields within those selected nodes to target fields, or mapping to target fields within selected nodes.