Schemas Defined in a Transformation

Overview

File schemas can be inherited from activities that are adjacent to a transformation, or they can be defined directly in the transformation, as covered in this section. A schema defined directly within the transformation takes precedence over a schema defined as part of an activity. Transformations with both a source and a target schema defined within the transformation can be referenced in multiple operations.

These pages cover the various ways to create a directly schema in a transformation:

- **Custom Flat Schema**
  A flat file schema is a simple, one-level field structure that has the same data row type throughout the text document. Custom flat schemas are created in CSV format.
- **Custom Hierarchical Schema**
  A hierarchical file schema is a complex file structure that contains multiple file row types such as header or summary rows. Custom hierarchical schemas can be created in XML or CSV format.
- **Sample File Schema**
  If you already have a file available that contains the structure of data you want to use, you can use a sample file within a transformation.
- **Mirrored Schemas**
  If you are using a schema on the source or target side of a transformation and want to copy its structure to use on the other side of the transformation, you can mirror the schema within the transformation.

Pages in This Topic

- Custom Flat Schema
- Custom Hierarchical Schema
- Sample File Schema
- Mirrored Schemas

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