



Advanced iBOLT Data Mapping

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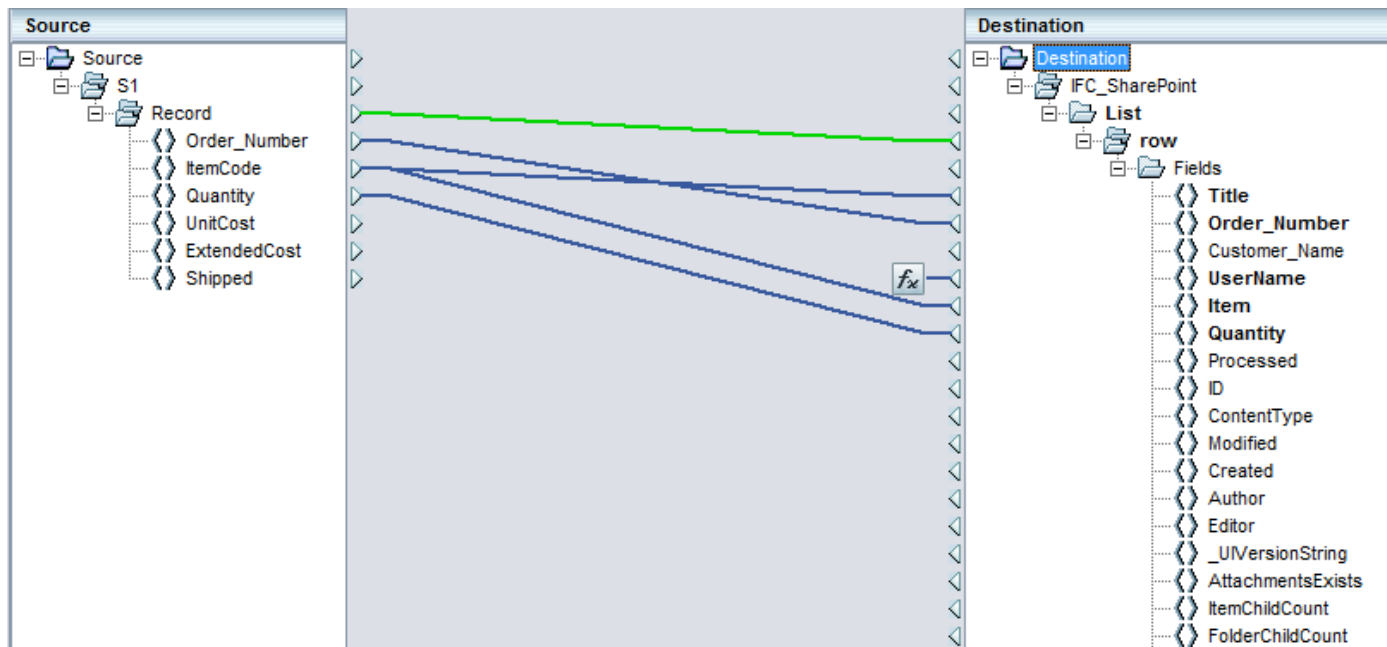
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- **What is the data mapper?**
 - Most powerful interface in iBOLT
 - Used with all data sources
 - Database
 - XML
 - Flat Files
 - Templates
 - UDS

- **What makes it powerful?**
 - Fastest handling of iterations
 - Data Transformations
 - Complex XML Relationships
 - Advanced Computations

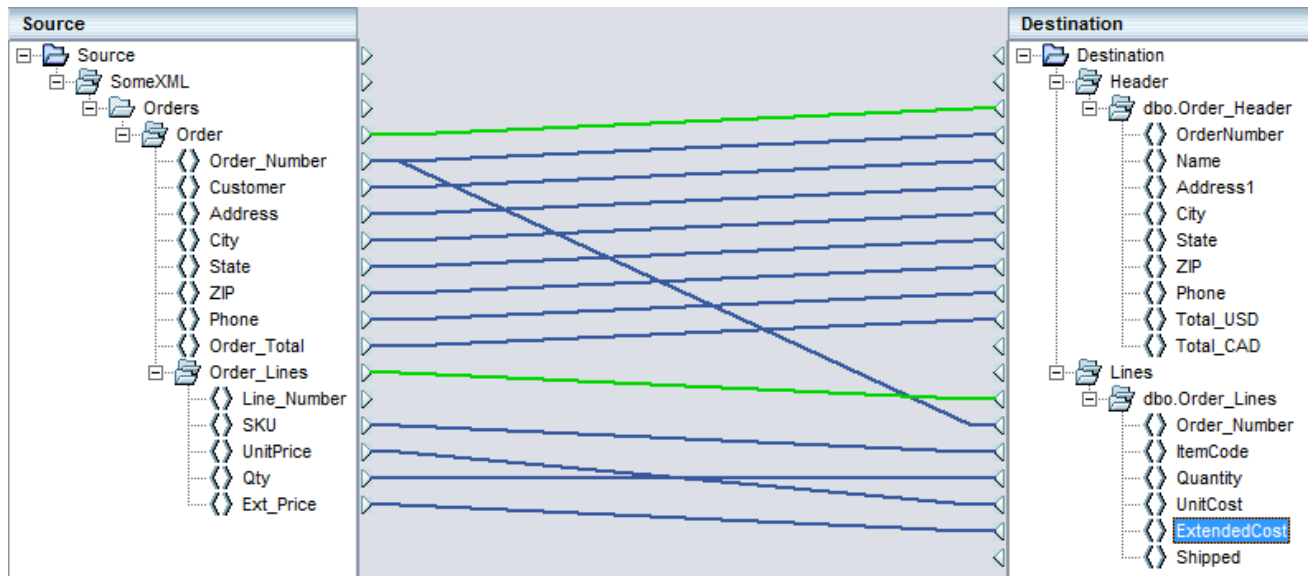
■ Simple Mapping

- One to One Relationship
- Destination is evaluated same number of times as iterations from source



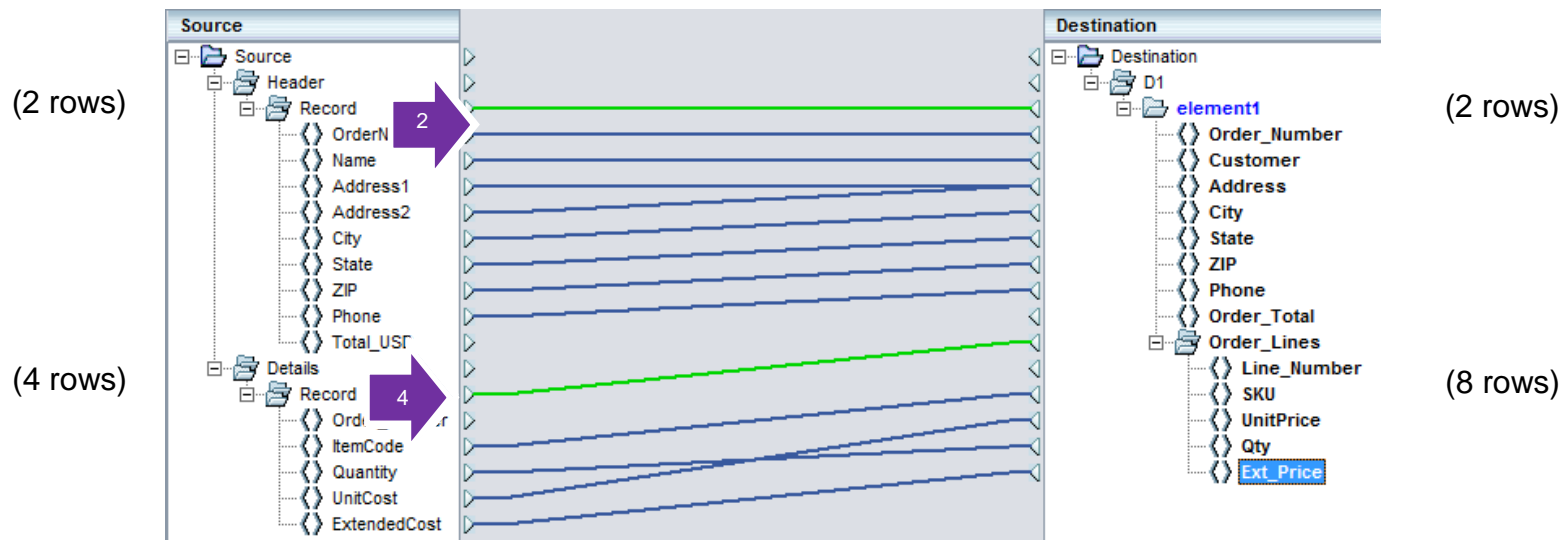
■ Cross Mapping

- When using a **source** with Parent/Child relationship
- **Can** map from Parent source down to Children
- **Cannot** map from Child Source to Parent



■ Complex Mapping

- When using a **destination** with Parent/Child relationship
- Each Complex Node can have one mapped source
- Child destination evaluated with all rows, once per parent iteration



Order_Lines evaluated 8 times

■ Order of Execution

1. Parent Advanced Computations

2. Parent Condition

3. (Parent Expressions)

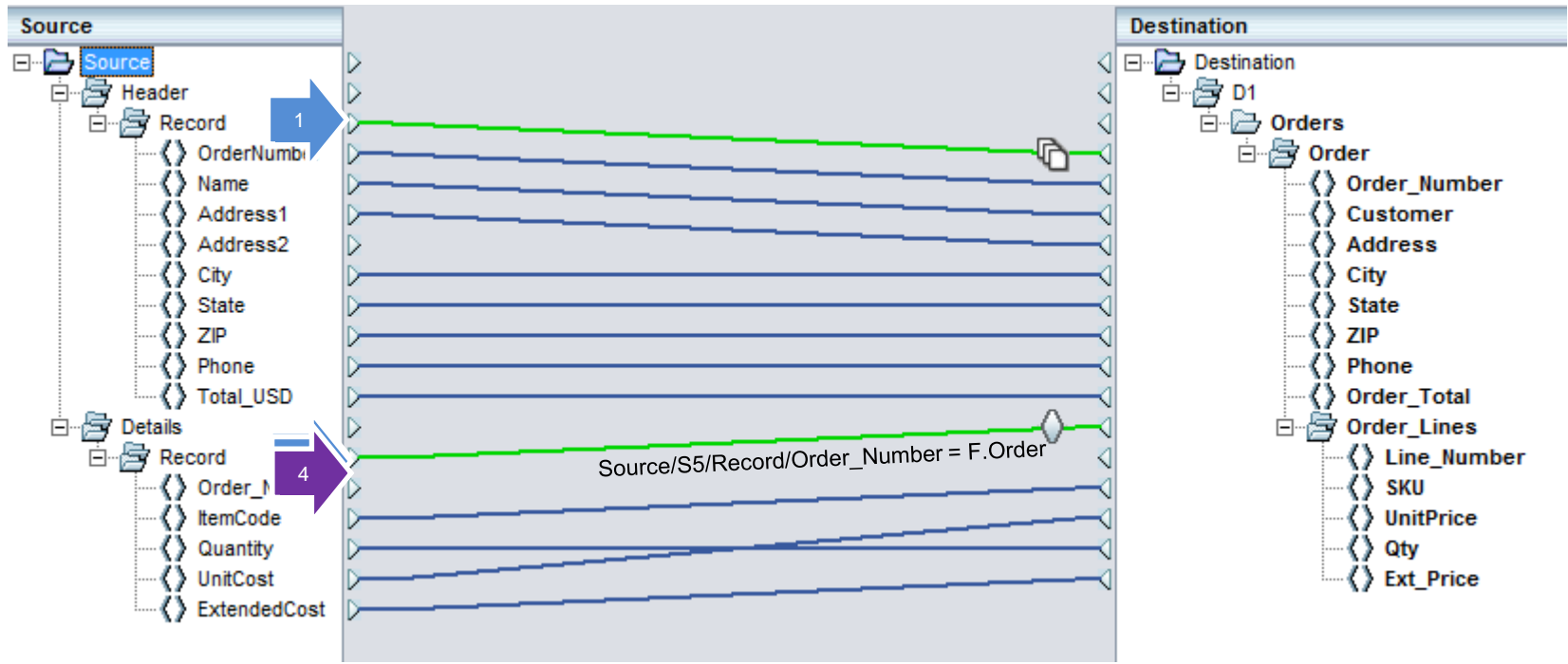
1. Child Advanced Computations

2. Child Condition

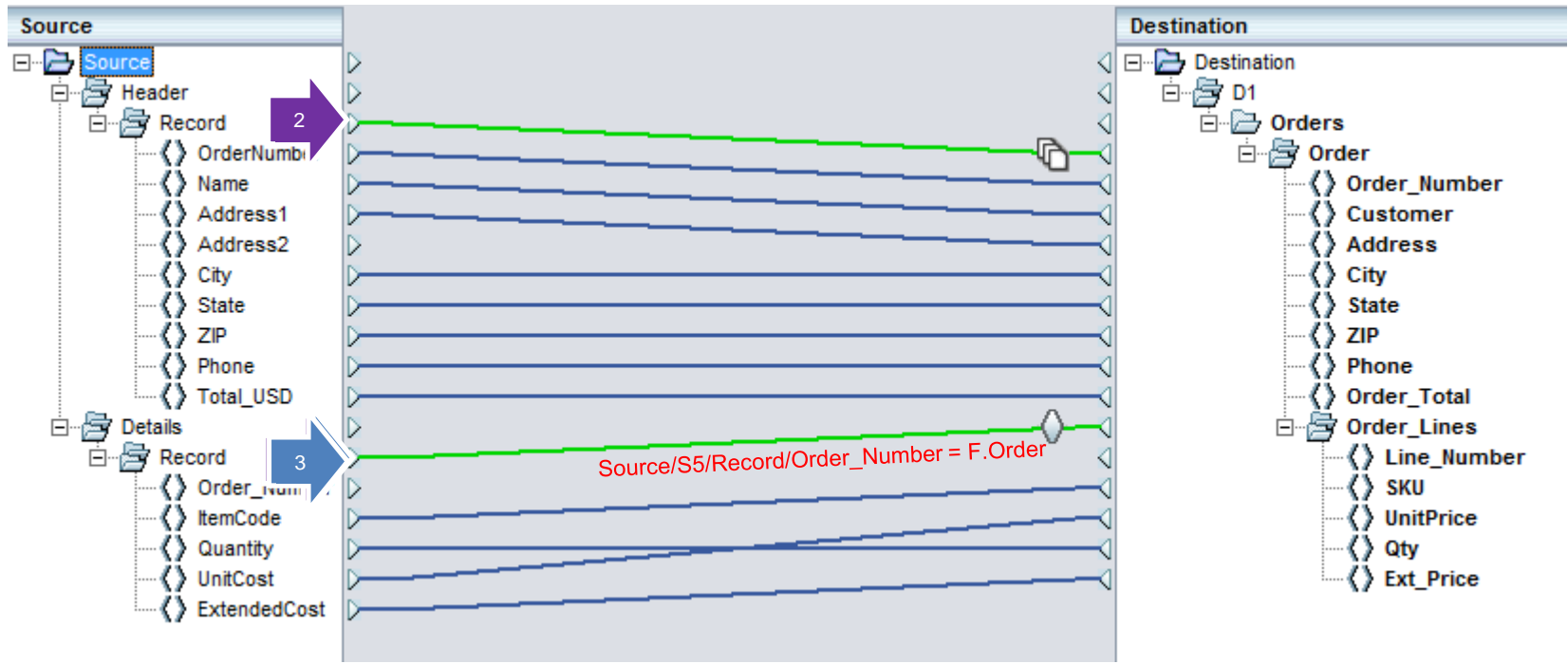
3. (Child Expressions)

- **To Match Child lines to only the Parent**
 1. Create flow variable to use as a pointer
 2. Update variable with current order number in Parent Advanced Computations
 3. Use variable in Child condition to get only matching order

■ To Match Child lines to only the Parent



■ To Match Child lines to only the Parent



F.Order = 1



THANK YOU

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