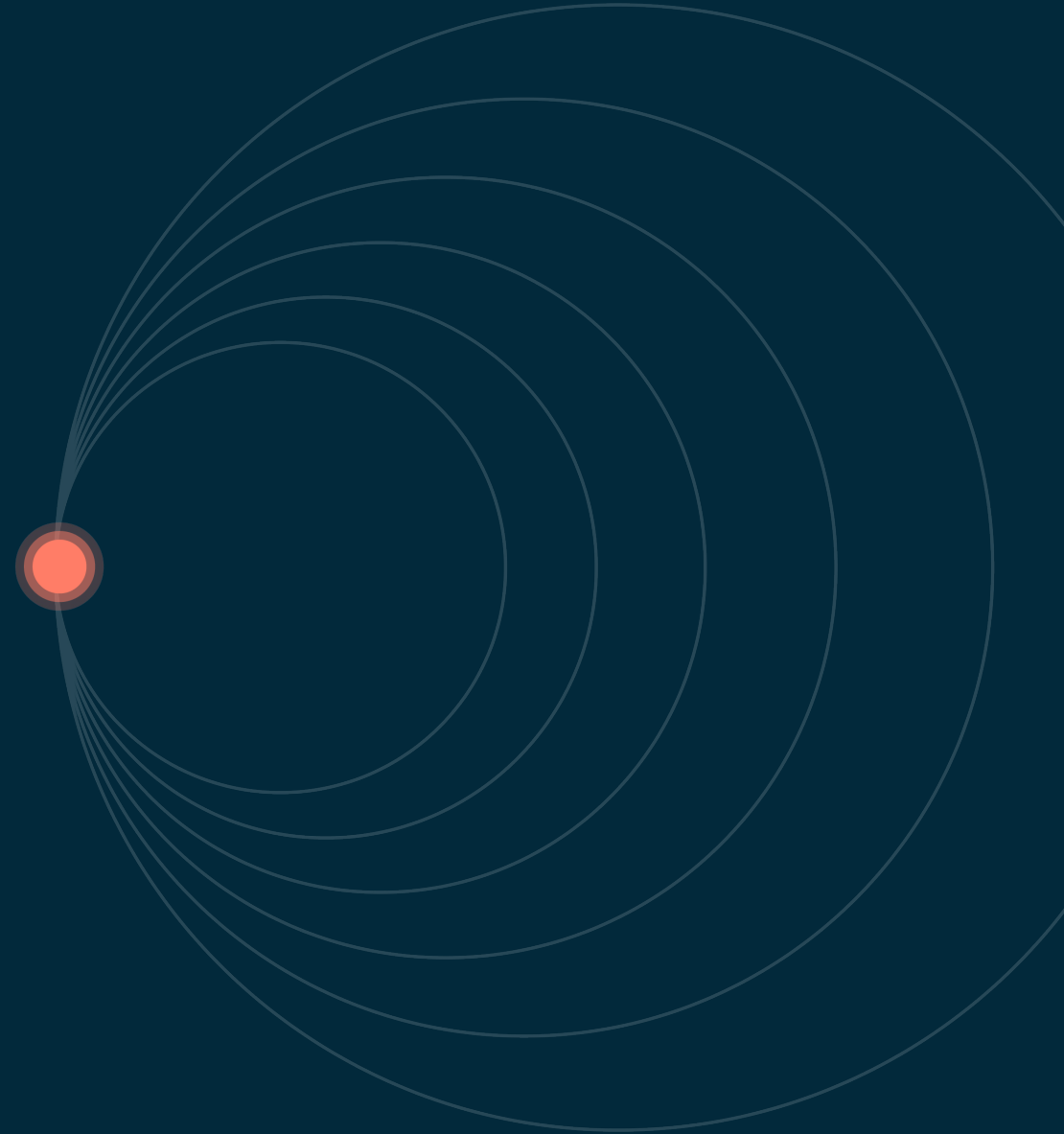




Boomi Integration Document Flow

Brad Detlefsen
Senior Integration Captain
Boomi



Your Guide Today



Brad Detlefsen

Background & Experience

- Joined Boomi in 2016
- Over 24 years of professional experience:
 - Integration Consultant
 - Global User Development
 - Systems Engineer (Defense Industry)
- Based in Chesterbrook, Pennsylvania
- Passionate about Boomi, Learning, and Leadership

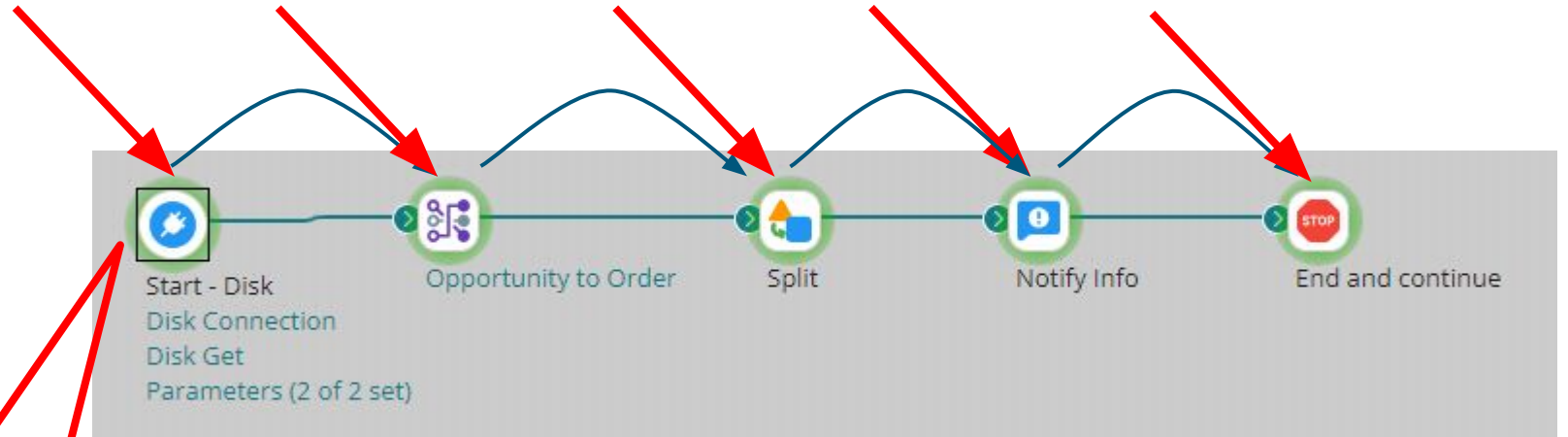


Agenda

- Boomi Documents
- Looping
- Logic Shape Flows
- Other Logic Shapes
- Additional Resources

Boomi Documents

The Basics



First Name	Last Name	Email	Phone
John	Doe	johndoe@email.com	555.555.5555
Jane	Doe	janedoe@email.com	555.555.4444
Ron	Doe	rondoe@email.com	555.555.3333
Jen	Doe	jendoe@email.com	555.555.2222

Multiple Profile Types:
CSV, XML, JSON, Database, EDI

Anatomy of a Document

First Name	Last Name	Email	Phone
John	Doe	johndoe@email.com	555.555.5555

One Document - One Record

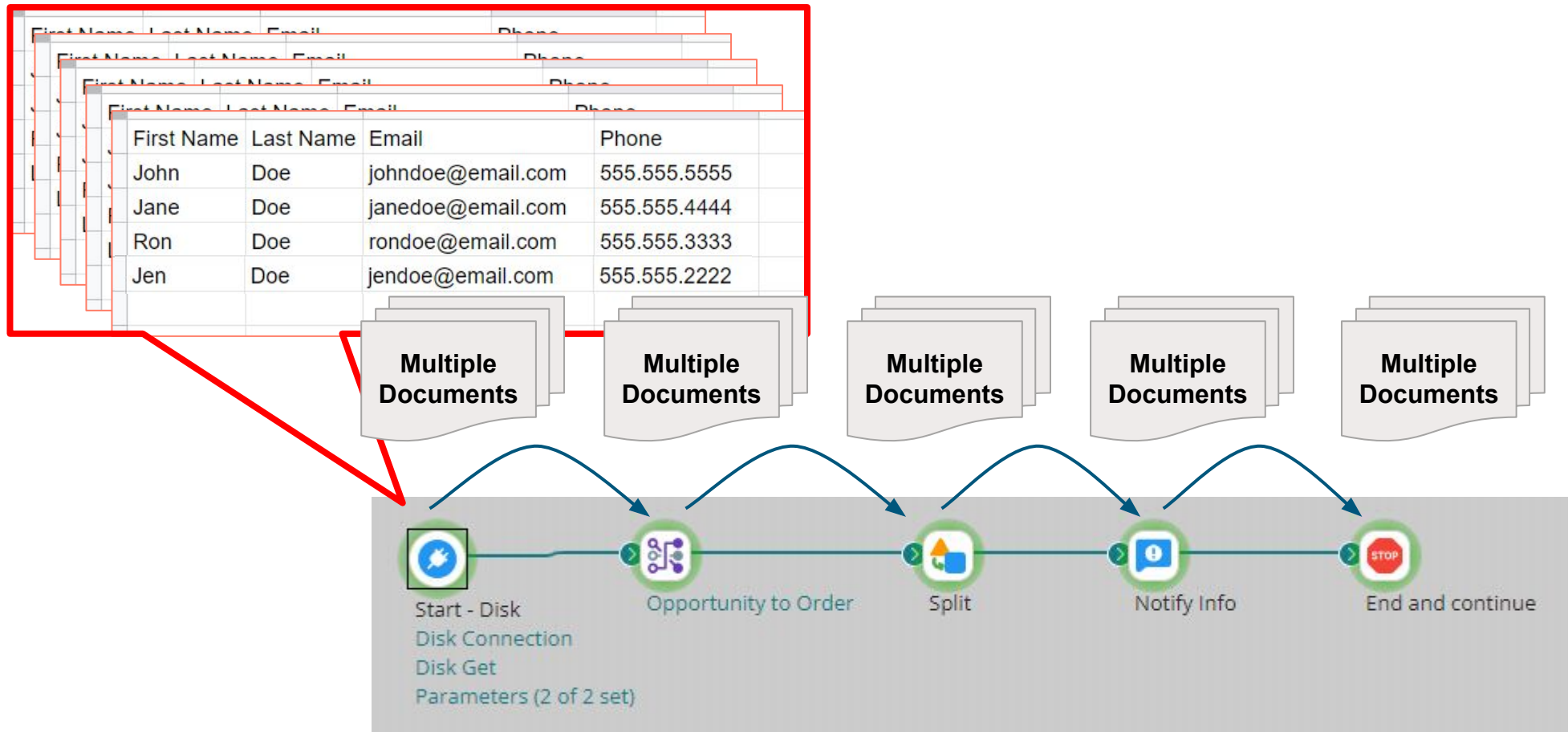
First Name	Last Name	Email	Phone
John	Doe	johndoe@email.com	555.555.5555
Jane	Doe	janedoe@email.com	555.555.4444
Ron	Doe	rondoe@email.com	555.555.3333
Jen	Doe	jendoe@email.com	555.555.2222

One Document - Multiple Records

First Name	Last Name	Email	Phone
John	Doe	johndoe@email.com	555.555.5555
Jane	Doe	janedoe@email.com	555.555.4444
Ron	Doe	rondoe@email.com	555.555.3333
Jen	Doe	jendoe@email.com	555.555.2222

Batch of 5 Documents - Multiple Records Each

Documents Flow in Batch



Document Split

One Document
4 Records

John	Doe	johndoe@email.com	555.555.5555
Jane	Doe	janedoe@email.com	555.555.4444
Ron	Doe	rondoe@email.com	555.555.3333
Jen	Doe	jendoe@email.com	555.555.2222



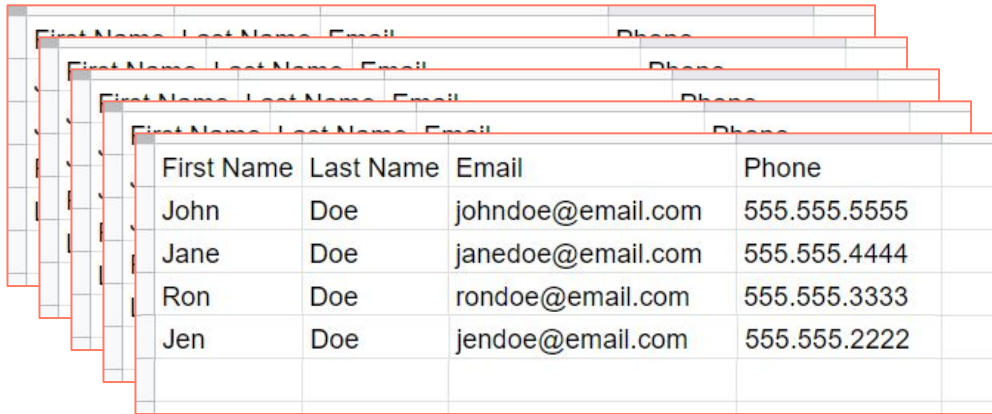
4 Documents
1 Record Each

John	Doe	johndoe@email.com	555.555.5555
Jane	Doe	janedoe@email.com	555.555.4444
Ron	Doe	rondoe@email.com	555.555.3333
Jen	Doe	jendoe@email.com	555.555.2222

Looping: Automatic

Demo 1 & 2: **Looping**

Built-In Looping Through RECORDS & DOCUMENTS



First Name	Last Name	Email	Phone
John	Doe	johndoe@email.com	555.555.5555
Jane	Doe	janedoe@email.com	555.555.4444
Ron	Doe	rondoe@email.com	555.555.3333
Jen	Doe	jendoe@email.com	555.555.2222



```
<ContactList>
  <ContactList>
    <ContactList>
      <ContactList>
        <Contact>
          <Name>John Doe</Name>
          <Email>johndoe@email.com</Email>
          <Mobile>555.555.5555</Mobile>
        </Contact>
        <Contact>
          <Name>Jane Doe</Name>
          <Email>janedoe@email.com</Email>
          <Mobile>555.555.4444</Mobile>
        </Contact>
        <Contact>
          <Name>Ron Doe</Name>
          <Email>rondoe@email.com</Email>
          <Mobile>555.555.3333</Mobile>
        </Contact>
        <Contact>
          <Name>Jen Doe</Name>
          <Email>jendoe@email.com</Email>
          <Mobile>555.555.2222</Mobile>
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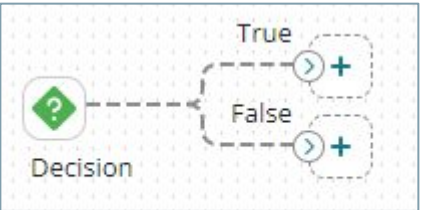
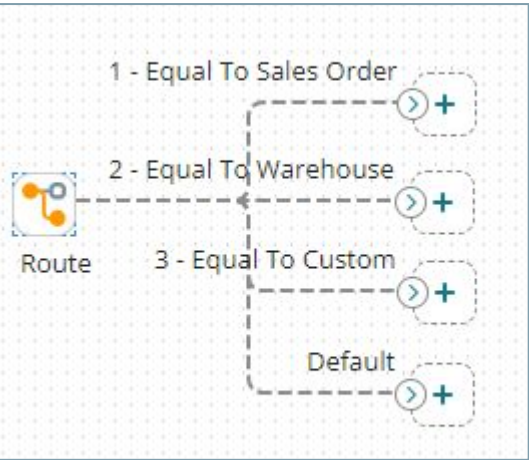
Logic Shape Flow

“Deck of Cards”



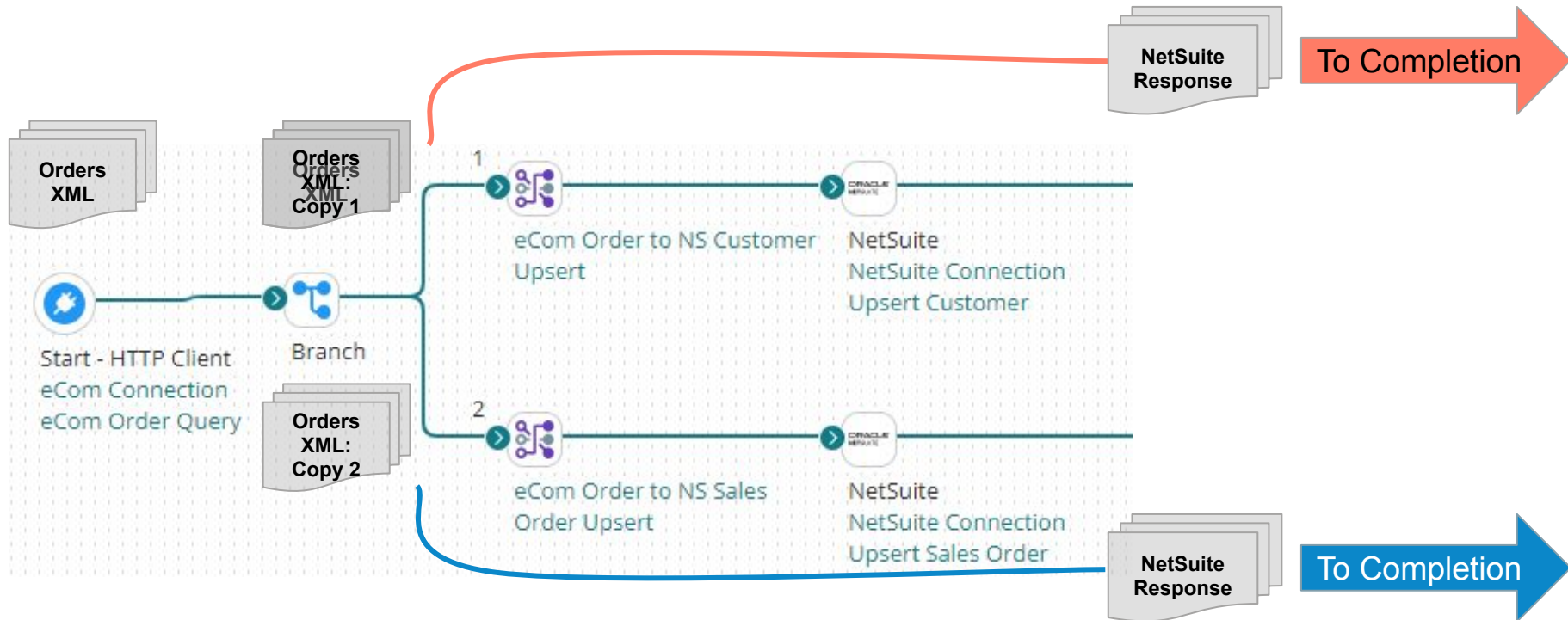
Think: Card = Document

Basic Logic Shapes

<u>Shape</u>	<u>Behavior</u>
 <p>Branch</p>	<ul style="list-style-type: none">● Process ENTIRE DECK multiple times
 <p>Decision</p>	<ul style="list-style-type: none">● Sort into TWO Piles● Matches ("True") processed first● No Match ("False") processed last
 <p>Route</p>	<ul style="list-style-type: none">● Sort into MULTIPLE piles● Piles processed in sequence● No Match ("Default") processed last

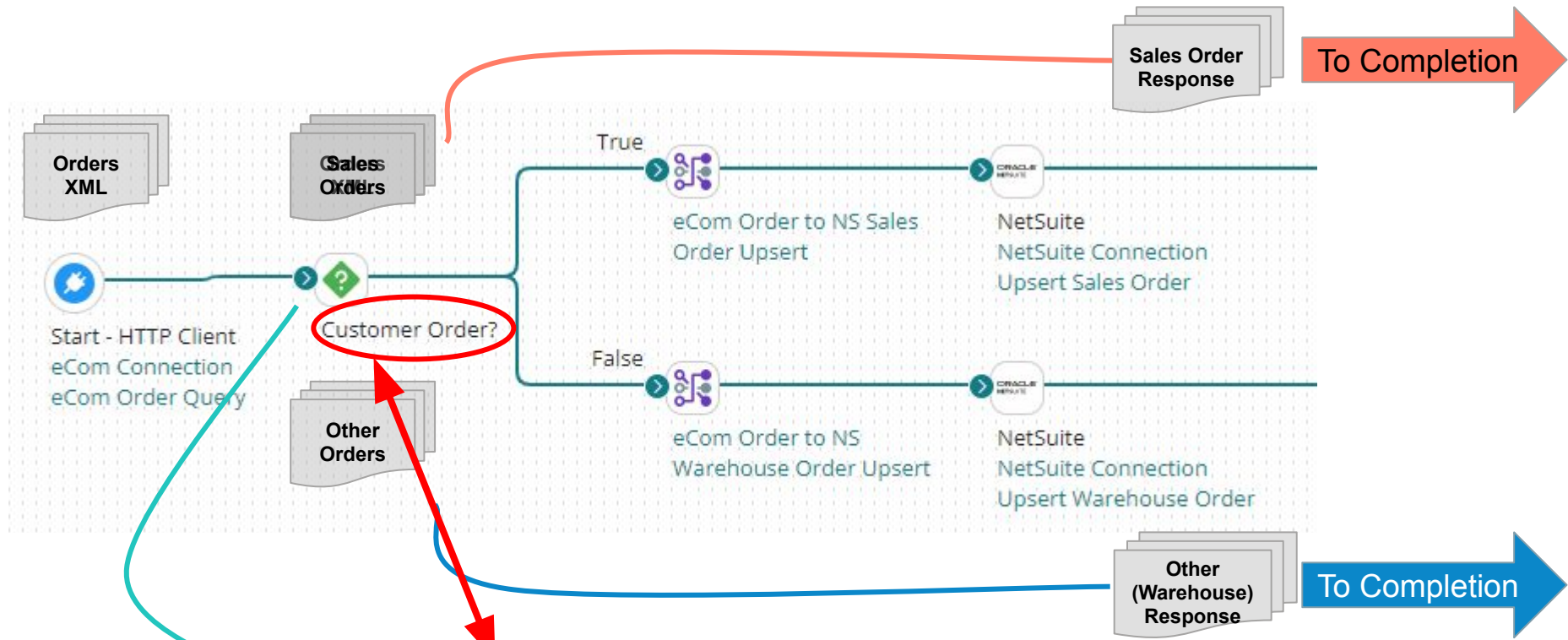
Branch Flow

Process ENTIRE DECK Multiple Times



Decision Flow (IF/ELSE)

Two Piles:
Matching (TRUE)
...then...
No Match (FALSE)



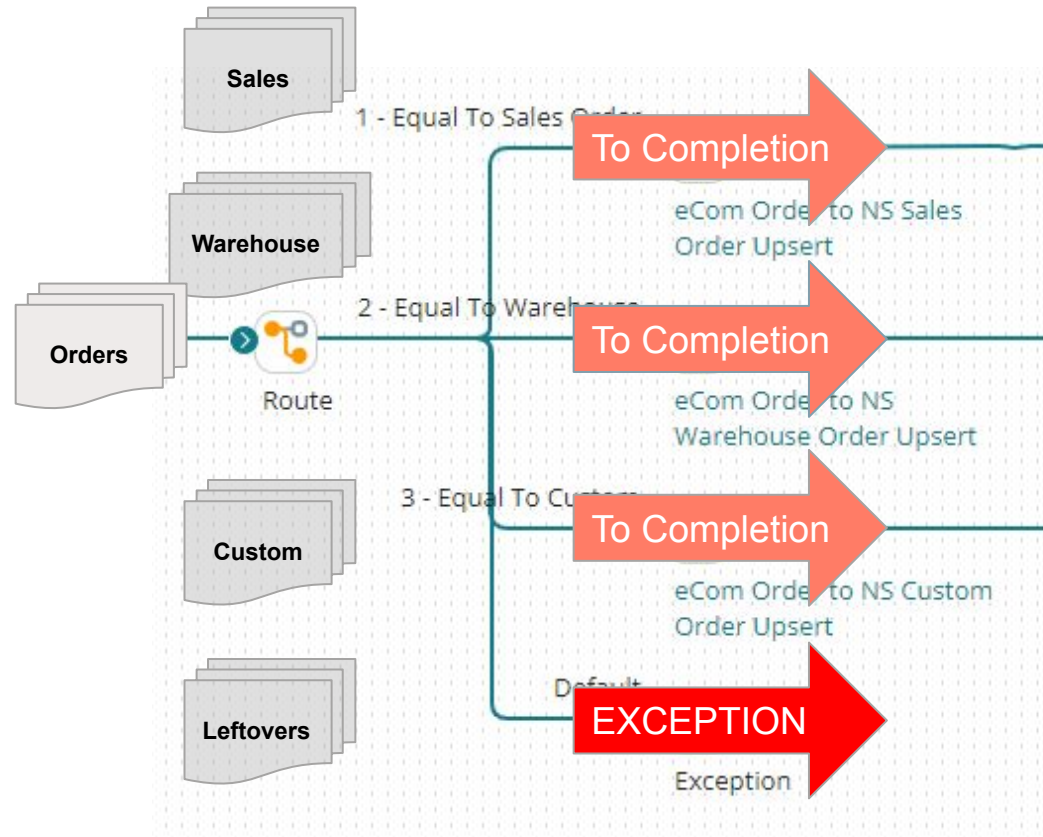
Display Name	Customer Order?
First Value	XML Profile - Order XML - OrderType (ShippingOrder/OrderTy)
Comparison	Equal To
Second Value	Static value of 'Customer?'

Route Shape (CASE)

Route By

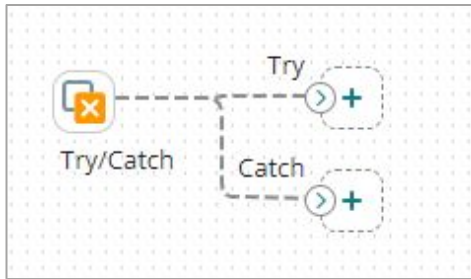
XML Profile - Order XML - OrderType (ShippingOrder/OrderType)

Multiple Piles:
Each Match
...then...
No Match
(Default)



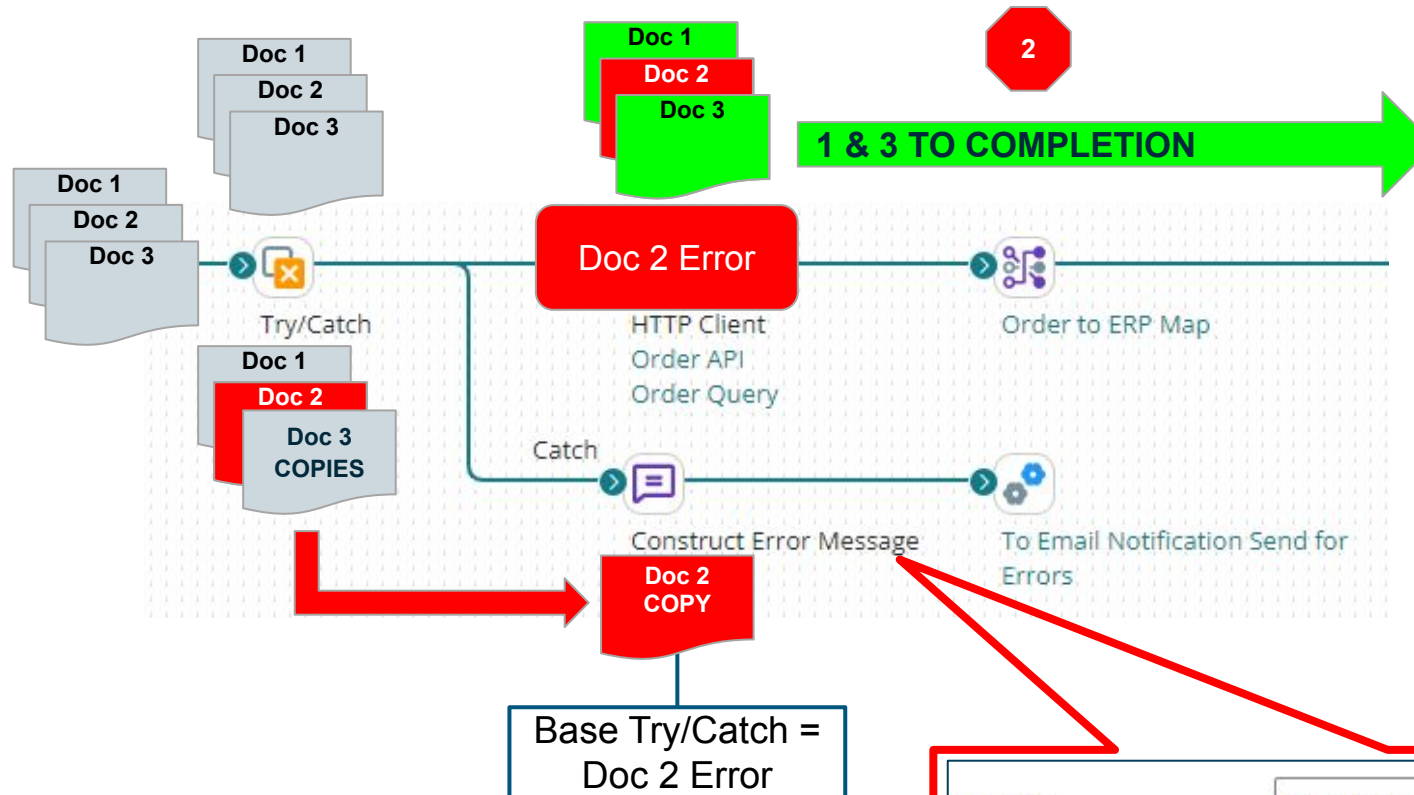
Other Logic Shapes

Try/Catch Flow



- Used for **ERROR HANDLING**
- Documents **COPIED** at shape
- **ALL** Documents flow to **TRY** path
- **FAILED** documents down **CATCH** Path

Try/Catch Document Flow



Message	Error Details: {1}
Variables	{1} Document Property - Base - Try/Catch Message

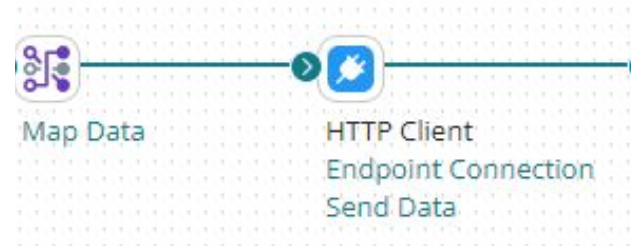
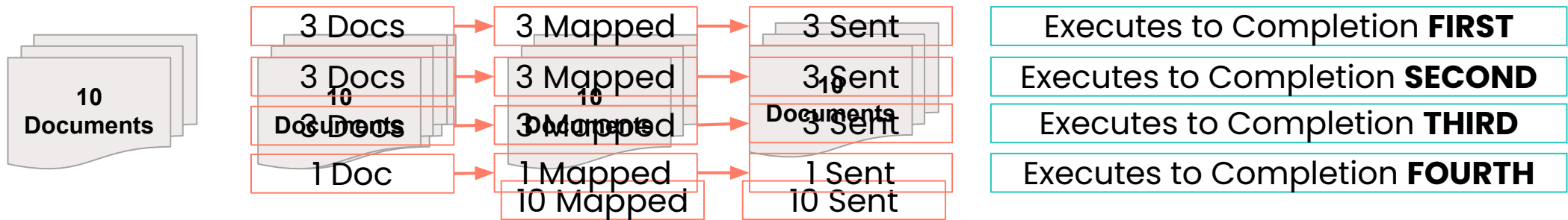
Flow Control Batching

Flow Control Shape i

Batch Options

Options

- No Document Batching i
- Run each document individually i
- Run as batches of documents i



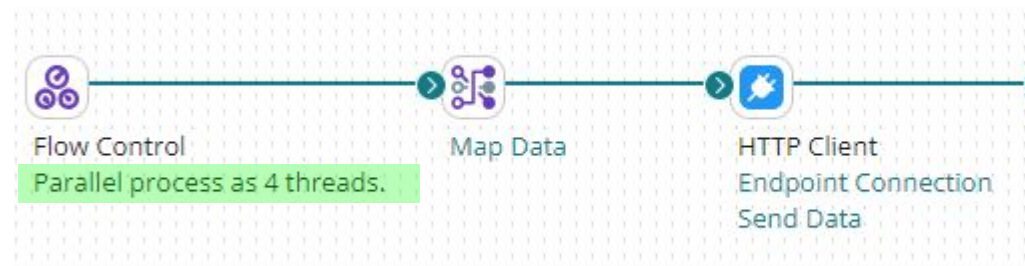
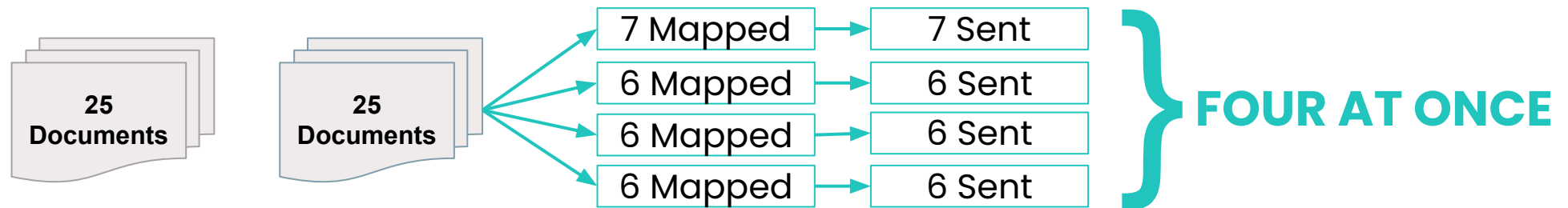
Flow Control Parallel Processing

Flow Control Shape i

Parallel Processing Options

Parallel Processing Type

Number of Threads



Reunite: A Design Pattern (Demo 3)

Community Resources

A decorative graphic consisting of numerous thin, parallel orange lines that originate from a single point on the left side of the page and fan out towards the right, creating a sense of movement and depth against the dark blue background.

Questions?

boomi