



# APJ Connector Roadmap Webinar

Nogeeshik Haskell, Customer Success Manager ANZ, Boomi  
Lavanya Sambasivan, Product Management, Boomi  
Merlyn Jyothi, Product Owner, Boomi

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# Agenda

**01** Upcoming Events

**02** Expert Introductions

**03** Review of Boomi Connector  
Roadmap

**04** Questions

LIVE WEBINAR

# Get the Most Out of SAP and Other Business-Critical Applications

10th July 2024 | 1PM AEST | [REGISTER NOW](#)



SPEAKER

**David Williams**

Global Head of Product  
Marketing | Boomi



SPEAKER

**Ram Tallavajhala**

Senior Solution Engineer, APJ |  
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# Product Roadmap Series Webinar

Learn where Boomi is headed

- Hear a recap of the latest and greatest product releases from the last quarter
- See an exclusive sneak peek of what's coming up on the Boomi roadmap
- Ask questions and get them answered live

(Previous recordings found [here.](#))



The image shows a registration card for a Boomi webinar. It features the Boomi logo at the top, followed by the title 'CY24 Q3 Product Roadmap' and the date 'JULY 11th | 1 AM AEST'. A prominent button says 'Register now' with a purple underline. At the bottom, it says '\*register to receive recording' in orange text.

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**CY24 Q3 Product Roadmap**  
JULY 11th | 1 AM AEST

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USER GROUP

# Ask the Expert: Architecture Q+A

24th July 2024 | 1:00–2:00 PM AEST | VIRTUAL [REGISTER NOW](#)



SPEAKER

## Sunny Bansal

Technical Architect | BOOMI

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# Boomi World Tour Sydney 21st November 2024

Save the date coming soon!



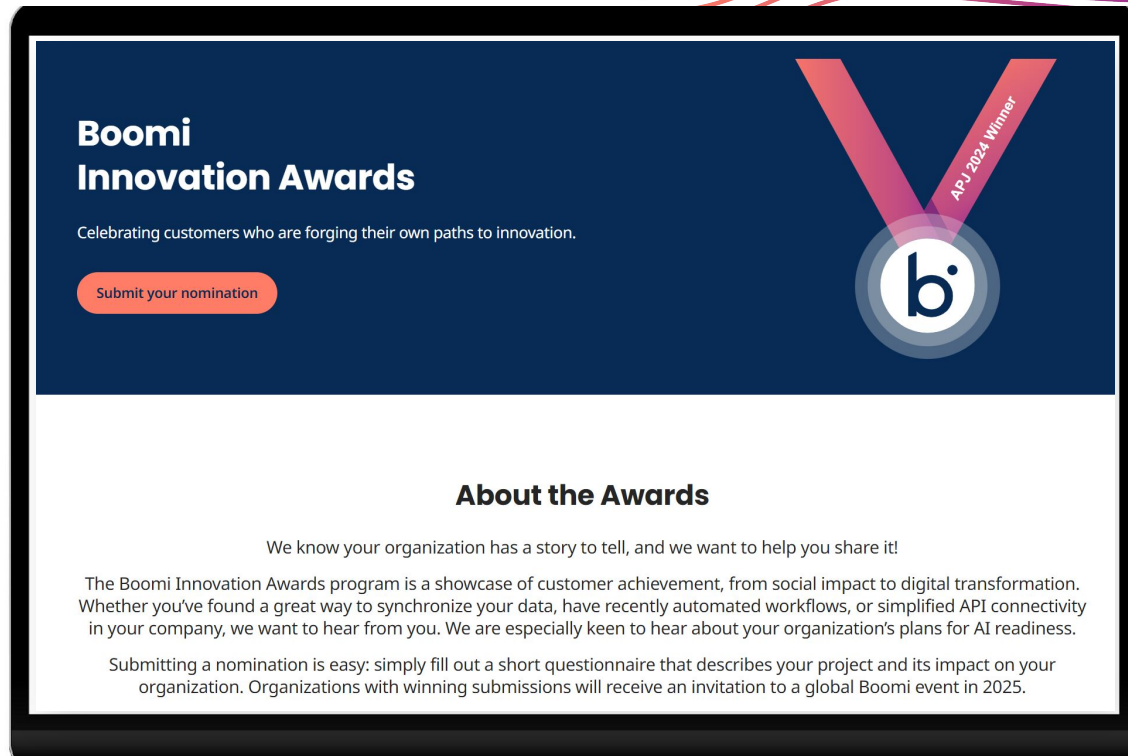
# Boomi Innovation Awards 2024

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# Early Access Programs

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Integration



Flow



API Management



Master Data Hub



Connectors



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## Product Feedback Forum

Share your ideas on how we can make Boomi better!


Submit and comment on Boomi product feedback. While we are unable to guarantee each submitted idea, we take each item into consideration and appreciate your feedback. For more information, check out [How to provide feedback and what we do next](#) and our [Quarterly Roadmap Webinars](#) for recently delivered product features.

Ideas

Submitted Ideas My Ideas

- Data export is truncated to 1000 records. To request a full export of Process Reporting records, submit an Idea in the Boomi Community.**  
API MANAGEMENT  
3 days ago by [Jason Powell](#)
- Enable Adding Comments on Specific Revisions in Revision History**  
INTEGRATION  
6 days ago by [Ethan Boroughs](#)
- Redshift connector for atom in cloud**  
CONNECTORS  
6 days ago by [Antoine Geffraud](#)

Let's Chat!

 Customer Inspired

# Product Roadmap

 Connectors

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# Disclaimer

This presentation contains forward-looking statements based on current expectations, forecasts and assumptions that involve risks and uncertainties. As such, the dates and deliverables represented cannot be guaranteed and should not be viewed as commitments.

# Connectors



**Lavanya Sambasivan**  
PRODUCT MANAGER



**Merlyn Jyothi**  
PRODUCT OWNER

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# Connectors

## Roadmap Themes



### Connector Enhancements

Improve quality and address feature gaps in existing connectors

Performance & Scale

Security & Compliance



### Connector Breadth

Expand connector ecosystem for diverse integration requirements.

Performance & Scale



### Connector Enablement

Improve tools and services to streamline connector development and enhance connector usability

Cohesive User Experience

Security & Compliance

# Connectors

## Recent Delivery Highlights



### GA Connectors

- Salesforce REST
- Veeva



### Connector Enhancements

- Google Bigquery
- MongoDB
- SAP Hana
- Snowflake
- Kafka

**Coming soon!** Database V2 Commit and Rollback

# Connectors

## Roadmap

	Now	Next	Future
<b>Connector Enhancements</b>	<b>Salesforce Platform Events</b> <b>b</b> Support for replay id as a startup option <b>Hubspot CRM (GA)</b> <b>Connector Stabilization:</b> RabbitMQ Netsuite Shopify Snowflake <b>b</b> <b>Amazon ecosystem connectors</b>	<b>Connector Enhancements</b>  Kafka Odata Client Workday	<b>Connector Enhancements</b> MSFT Dynamics CRM, CE &FO Disk V2 ServiceNow REST
<b>Connector Breadth</b>	<b>New Application Connectors</b> Stripe Amazon Selling Partner <b>b</b> SFTP (new) <b>b</b>	<b>New Application Connectors</b> Netsuite REST	<b>New Application Connectors</b> SMB GraphQL
<b>Connector Enablement</b>	<b>Connector Development Program</b> Tech partners can build Boomi connectors for financial rewards <b>Developer doc portal</b> <b>Track input properties</b> Ability to track input doc properties	<b>Listener Enhancements</b> Enhancements to the listener framework to improve resiliency, alerting etc Realtime listener alerting	<b>Connector Version Management</b> Ability to manage the connector versions in your account

# Connectors

## Recent Delivery Highlights

### Salesforce REST Connector

- REST API based connector for accessing Salesforce data
- Supports OAuth 2.0
- Composite APIs for better performance and efficiency
- Support for CSV BULK API V2.0
- Custom SOQL Support

Connection **OAuth 2.0**

Grant Type: Authorization Code

Client ID: :

Client Secret: <Encrypted>

Authorization Token URL: https://login.salesforce.com/serv

Access Token URL: https://login.salesforce.com/serv

Access Token: Regenerate (with green checkmark) Reset

General Parameters Dynamic Operation Properties

Display Name:

Connector (i): Salesforce REST

Connection (i):

Action: ✓ Create Tree, Update, Delete, Upsert, CSV Bulk API v2.0

Operation (i):



# Salesforce REST

## Create Tree Operation

- Insert several parent/children records at the same time
- Up to a total of 200 records across all trees
- Up to five records of different types
- sObject trees up to five levels deep

**Message Shape** ⓘ

To transform incoming document data into a free-form message using a combination of static and dynamic variables, use the Message shape. The Message shape is often used to construct email messages.

Display Name:

Option:  Combine documents into a single message ⓘ

Message

```
<SObjectTreeRequest>
<records type="Pricebook2" referenceId="Pricebook2 for
CONC-5332 {2}">
<Name>Pricebook CONC-5332</Name>
<Description>To be deleted {2}</Description>
<IsActive>true</IsActive>
<PricebookEntries>
<records type="PricebookEntry" referenceId="PricebookEntry
for CONC-5332 {2}">
<Product2Id>{1}</Product2Id>
<UnitPrices>4232.42</UnitPrices>
<UseStandardPrice>false</UseStandardPrice>
<IsActive>true</IsActive>
</records>
</PricebookEntries>
</records>
</SObjectTreeRequest>
```

Variables

- {1} Dynamic Process property name of 'Current\_Product2Id'
- {2} Date/Time - Current Date - yyyy-MM-ddTTHH:mm:ss

4

XML to CREATE TREE Pricebook2 with PricebookEntry

Salesforce REST  
Salesforce REST Connection  
CONC-5332 CREATE TREE Pricebook2

**Document Viewer**

```
1 <SObjectTreeResponse>
2 <hasErrors>false</hasErrors>
3 <results>
4 <id>01s4W0000060OyLQAW</id>
5 <referenceId>Pricebook2 for CONC-5332 2024-01-24T09:05:57</referenceId>
6 </results>
7 <results>
8 <id>01s4W00000JofOpQAN</id>
9 <referenceId>PricebookEntry for CONC-5332 2024-01-24T09:05:57</referenceId>
10 </results>
11 </SObjectTreeResponse>
```

Formatted view is on. Formatted view may hide some data for easier reading.

[Download Original Document](#) Size 347 bytes

[Close Document Viewer](#)

(\* ) UI was doctored for convenience

# Salesforce REST

## Custom SOQL Query

- Execute custom SOQL queries
- Returns a single XML document per matching record
- Execute REST or CSV Bulk APIs

### Message Shape ?

To transform incoming document data into a free-form message using a combination of static and dynamic variables, use the Message shape. The Message shape is often used to construct email messages.

Display Name

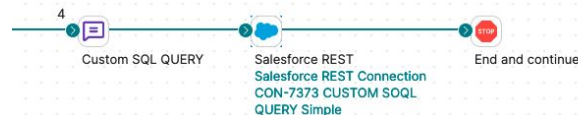
Option  Combine documents into a single message ?

Message  
`SELECT Id, IsDeleted, FirstName, LastName FROM Contact  
WHERE OtherCity = {2} UPSERTed for {1} {2}`

Variables

+ ✎ ✕ ↕

{1} Dynamic Process property name of 'ProcessUnique'  
{2} Static value of ""



### Document Viewer

```
1 <records type="Contact" url="/services/data/v50.0/subjects/Contact/0034W00003UPb6vQAD">
2 <Id>0034W00003UPb6vQAD</Id>
3 <IsDeleted>false</IsDeleted>
4 <FirstName>2024-01-24T13:23:16.758Z</FirstName>
5 <LastName>CON-7373 KEEP</LastName>
6 </records>
```

# Salesforce REST

## CSV BULK API V2.0 Operation

- Simple interface to load large amounts of data and perform bulk queries
- Receive and return documents in CSV format.
- Select the intended operation through a drop down menu

## Document Viewer

```
OtherStreet,LastName,FirstName,OtherCity
CSV BULK API example,Example BULK INSERT,2024-01-24T09:27:26,BulkINSERTED for 60158916685811:
CSV BULK API example,Updated,2024-01-24T09:27:26,BulkINSERTED for 6015891668581171739
CSV BULK API example,Upserted,2024-01-24T09:27:26,BulkINSERTED for 6015891668581171739
CSV BULK API example,Spare,2024-01-24T09:27:26,BulkINSERTED for 6015891668581171739
CSV BULK API example,Example BULK INSERT,2024-01-24T09:27:26,BulkINSERTED for 60158916685811:
CSV BULK API example,Updated,2024-01-24T09:27:26,BulkINSERTED for 6015891668581171739
CSV BULK API example,Upserted,2024-01-24T09:27:26,BulkINSERTED for 6015891668581171739
```

BULK QUERY Salesforce REST Operation

Options Archiving Tracking Caching

Connector Action CSV BULK API V2.0

Object

Request Profile Unstructured

Response Profile Unstructured

Tracking Direction *i*

Error Behavior

Operation *i*

Assignment Rule ID (Optional) *i*

Column Delimiter *i* Comma (,)

Line Ending *i* LF — Linefeed character

Page Size *i*

REST Request Headers *i*

Key	Value	Encrypted	Remove
-----	-------	-----------	--------

# Connectors

## Recent Delivery Highlights

### Veeva

- Enables connectivity to Veeva Vault and Veeva CRM
- Supports OAuth 2.0
- CRUD operations support on vault objects and several other functions
- Support for VQL
- Override API versions at operation level

**Connection** OAuth 2.0

Authentication Type ⓘ  User Credentials  OAuth 2.0

Vault Subdomain ⓘ

API Version ⓘ

User ⓘ

Password ⓘ

Session Timeout (minutes) ⓘ

Veeva Vault API Client ID ⓘ

Process Mode **General**

Type  Connector  Trading Partner  Data Passthrough  No Data

**General** Parameters

Display Name

Connector ⓘ

Connection ⓘ

Action

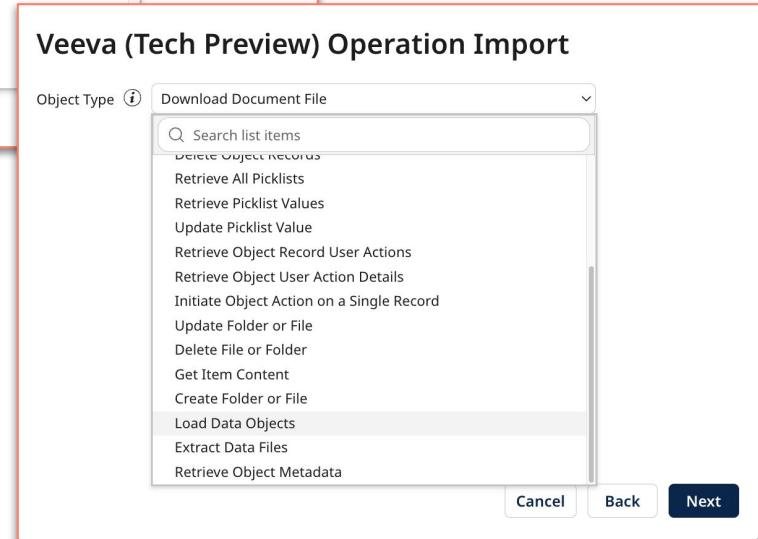
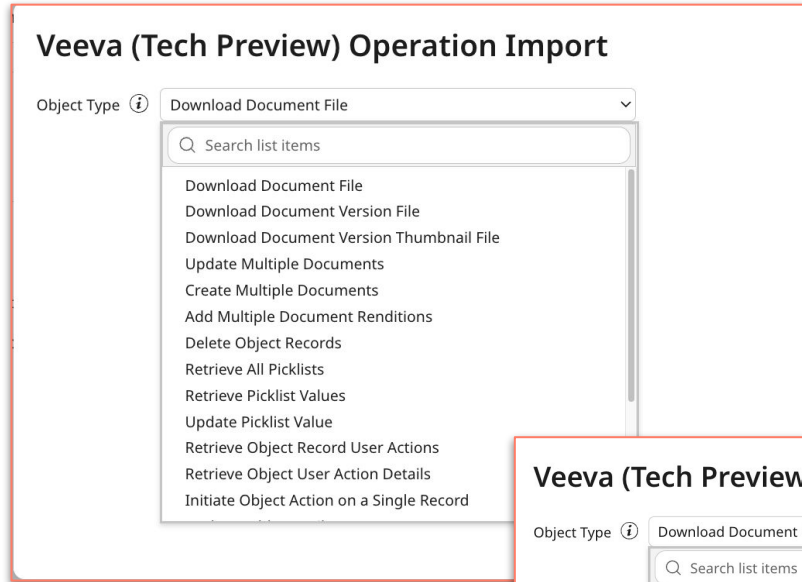
Operation ⓘ

# Connectors

## Execute Operation

### Veeva

- Ability to execute functions other than Vault operations
- 20 different type of functions supported
- Vault loader API support
  - Multi file load and extract



# Connectors

## Query Operation

### Veeva

- Ability to execute complex queries using Custom VQL
- Support for pagination
- Support for FIND/Keyword Search to search on documents and Vault objects

Click Import Operation to add or update the details below.

**Import Operation**

Options Archiving Tracking Caching

Object	Action
Response Profile	<input type="text" value="Veeva (Tech Preview) Action QUERY Response"/>
Tracking Direction ⓘ	<input type="radio"/> Input Documents <input checked="" type="radio"/> Output Documents
Error Behavior	<input type="checkbox"/> Return Application Error Responses ⓘ
Override API Version ⓘ	<input type="checkbox"/>
Page Size ⓘ	<input type="text" value="1000"/>
Maximum Documents ⓘ	<input type="text" value="-1"/>
FIND/Keyword Search ⓘ	<input type="text"/>
Custom VQL Statement ⓘ	<input type="text" value="SELECT id, name__v, type__v, (SELECT id, name__v FROM document"/>

# Database v2 Connector – Commit and Rollback

## Actions

- Three new operations to support a Transaction
  - START TRANSACTION
  - COMMIT TRANSACTION
  - ROLLBACK TRANSACTION

### Connector Shape <sup>i</sup>

Use connector shapes to get data into and out of a process. Most processes have one "get" connector and one or more "send" connectors. The Connector shape uses a combination of predefined connection and operation components to establish where and how to get or send data.

**General** Parameters

Display Name

Connector <sup>i</sup>

Connection <sup>i</sup>  <sup>+</sup>

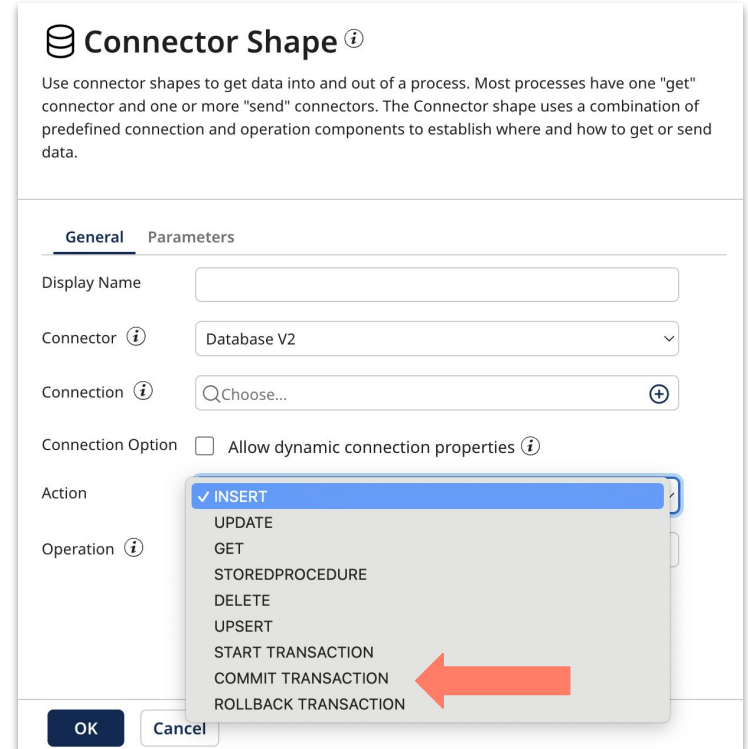
Connection Option  Allow dynamic connection properties <sup>i</sup>

Action

Operation <sup>i</sup>

- ✓ INSERT
- UPDATE
- GET
- STOREDPROCEDURE
- DELETE
- UPSERT
- START TRANSACTION
- COMMIT TRANSACTION
- ROLLBACK TRANSACTION

**OK** **Cancel**



# Database v2 Connector – Commit and Rollback

## Connection Property

- **Join Transaction** Operation property to enable an operation to join a transaction
- Operations that can join a transaction
  - DELETE
  - INSERT
  - UPDATE
  - UPSERT

The screenshot shows the configuration interface for a 'New Database V2 Connector Operation'. The window title is 'New Database V2 Connector Operation' and the current operation is 'Database V2 Operation'. Below the title bar, there is a button labeled 'Import Operation'. The main configuration area includes several sections: 'Options' (with sub-sections 'Archiving', 'Tracking', and 'Caching'), 'Tracking Direction' (set to 'Input Documents'), 'Error Behavior' (with a checkbox for 'Return Application Error Responses'), 'Insertion Type' (set to 'Dynamic Insert'), 'Schema Name' (empty text field), 'SQL Query' (empty text area), 'Join Transaction?' (checkbox, highlighted with a red arrow), 'Commit Option' (set to 'Commit By Profile'), and 'Batch Count' (empty text field).



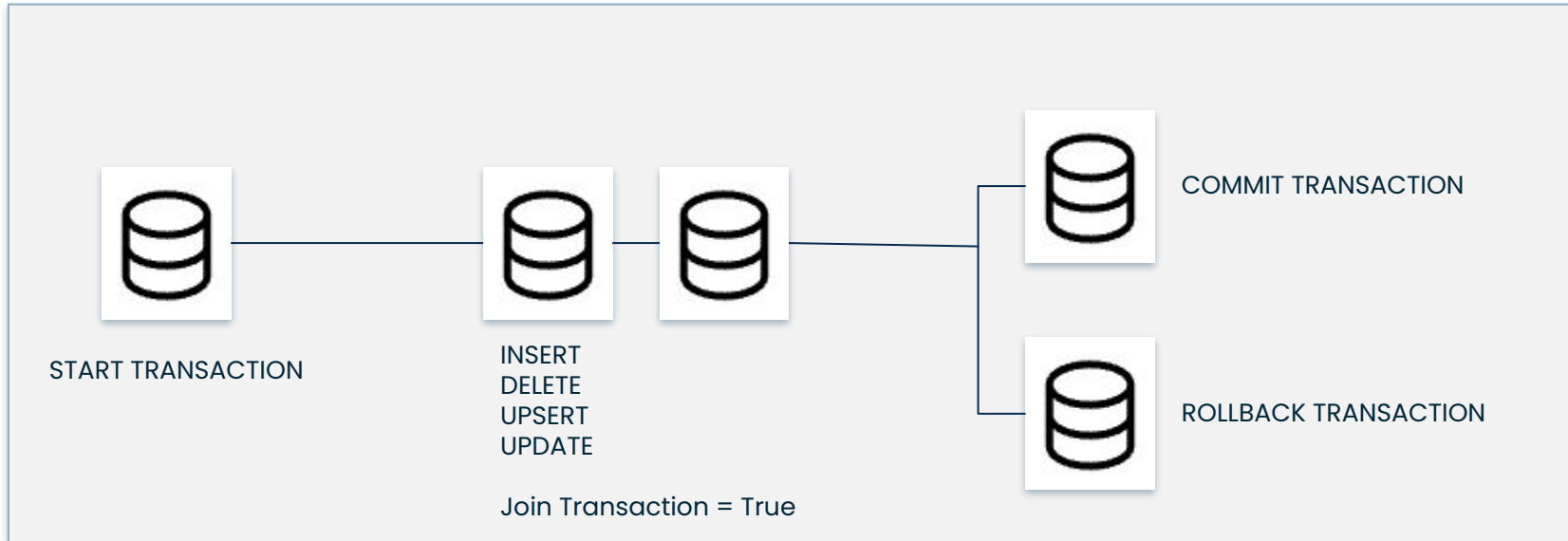
# Database v2 Connector – Commit and Rollback

## Designing a Transaction

- All Database v2 shapes that are part of a transaction connect to the same connection component



Database v2 Connector Shape





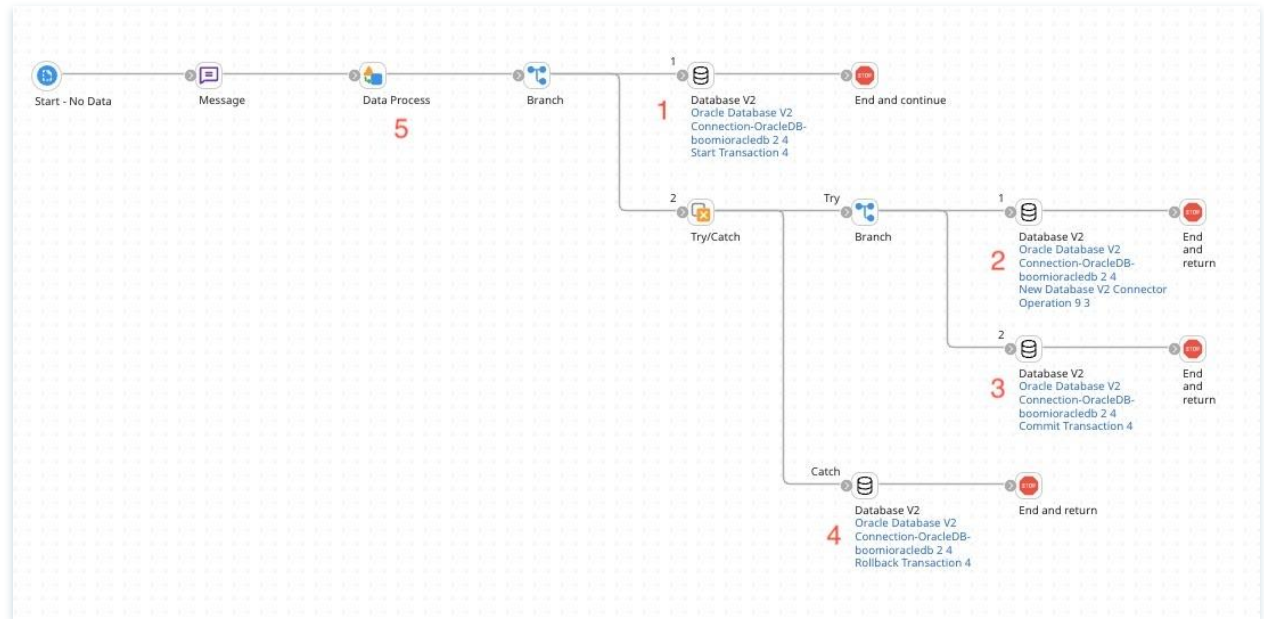
# Database v2 Connector – Commit and Rollback

Demo

# Database v2 Connector – Commit and Rollback

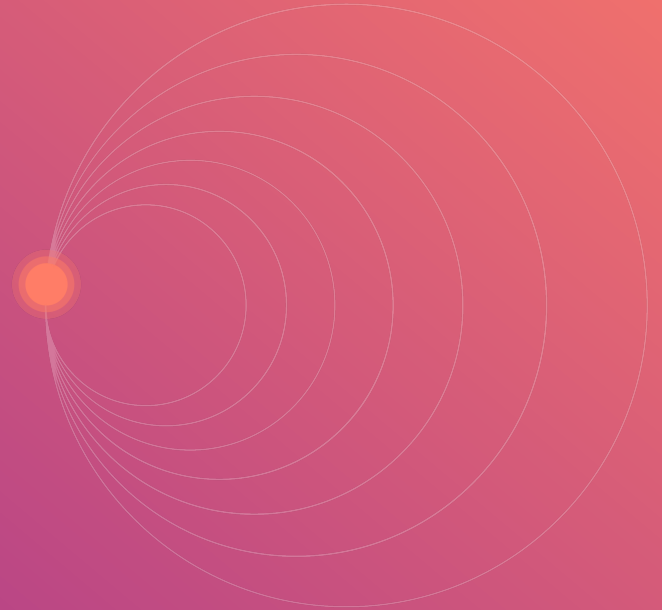
## Example Transaction using Try-catch and Branch

1. START TRANSACTION on a separate branch
2. Dynamic Update in a the Try path with Join Transaction selected
3. COMMIT TRANSACTION in the Try path
4. ROLLBACK TRANSACTION in the Catch path
5. Data obtained from an external source directed to the Dynamic Update path





# Questions



# We are Boomi.

Be Bold. Be You. Be Boomi.

