

# Using New Data Flow Components

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# Overview



Connectors

HDFS

OData

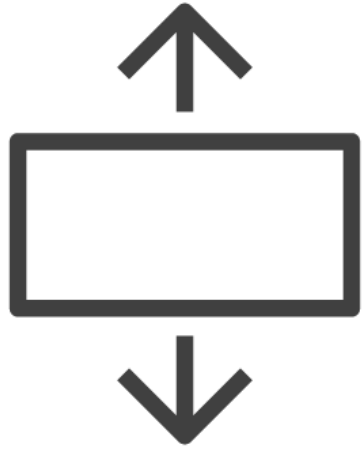
Data Feed Publishing

Balanced Data Distributor

Buffer Sizing



# Connectors



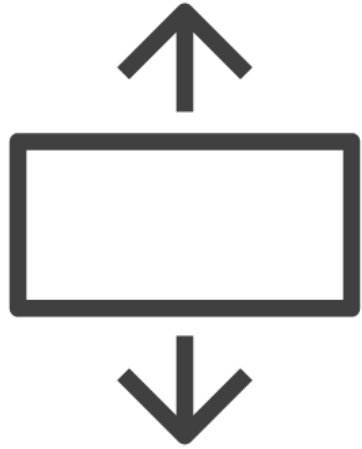
## Microsoft Connectors v4.0

- Oracle 10.x, 11.x, 12c
- Teradata Database 14.0, 14.10, 15.0, 15.1
- Enterprise and Developer editions only
- <https://www.microsoft.com/en-us/download/details.aspx?id=52950>

## Analytics Platform System Client Tools

- Load data into APS
- <https://www.microsoft.com/en-us/download/details.aspx?id=51610>

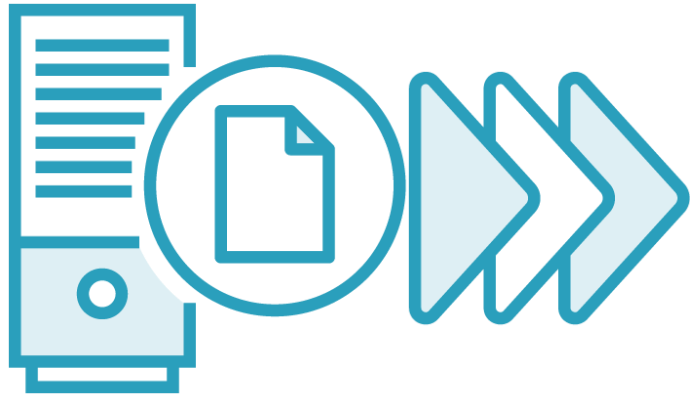
# Connectors



## Microsoft Connector for SAP BW

- SAP NetWeaver BW version 7.0
- x86 or x64 versions
- Available in SQL Server 2016 Feature Pack
- <http://go.microsoft.com/fwlink/?LinkId=746297>

# HDFS Data Flow Components



## **HDFS Source**

Export data from HDFS



## **HDFS Destination**

Import data into HDFS



# OData Support

Access ATOM and  
JSON data feeds

Apply query options  
to sort or filter data



# Data Feed Publishing



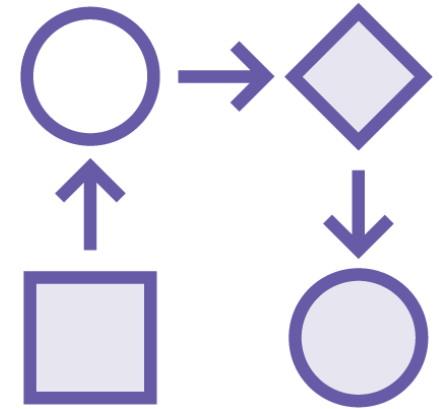
Linked Server

OLE DB Provider  
for SSIS



Data Streaming Destination

Transformed pipeline  
output



Package Publishing Wizard

SQL Server view gets  
destination output



```
SELECT * FROM OPENQUERY(  
[Default Linked Server for Integration Services],  
N'Folder=ssis-2016;  
Project=ssis-2016-pkg-dev;Package=10-datafeed.dtsx' )
```

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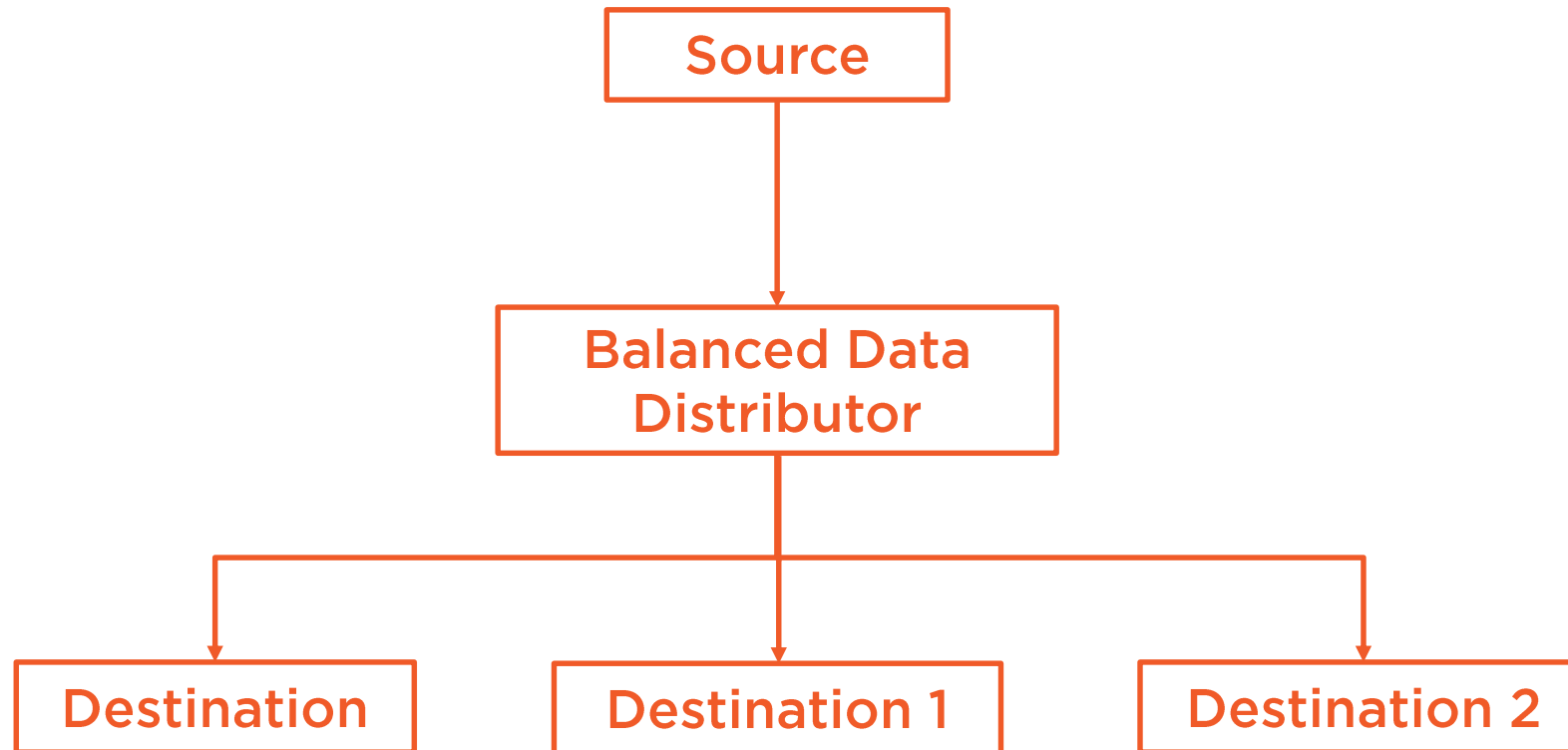
## Data Feed Query

OpenQuery function call to SSIS linked server executes package

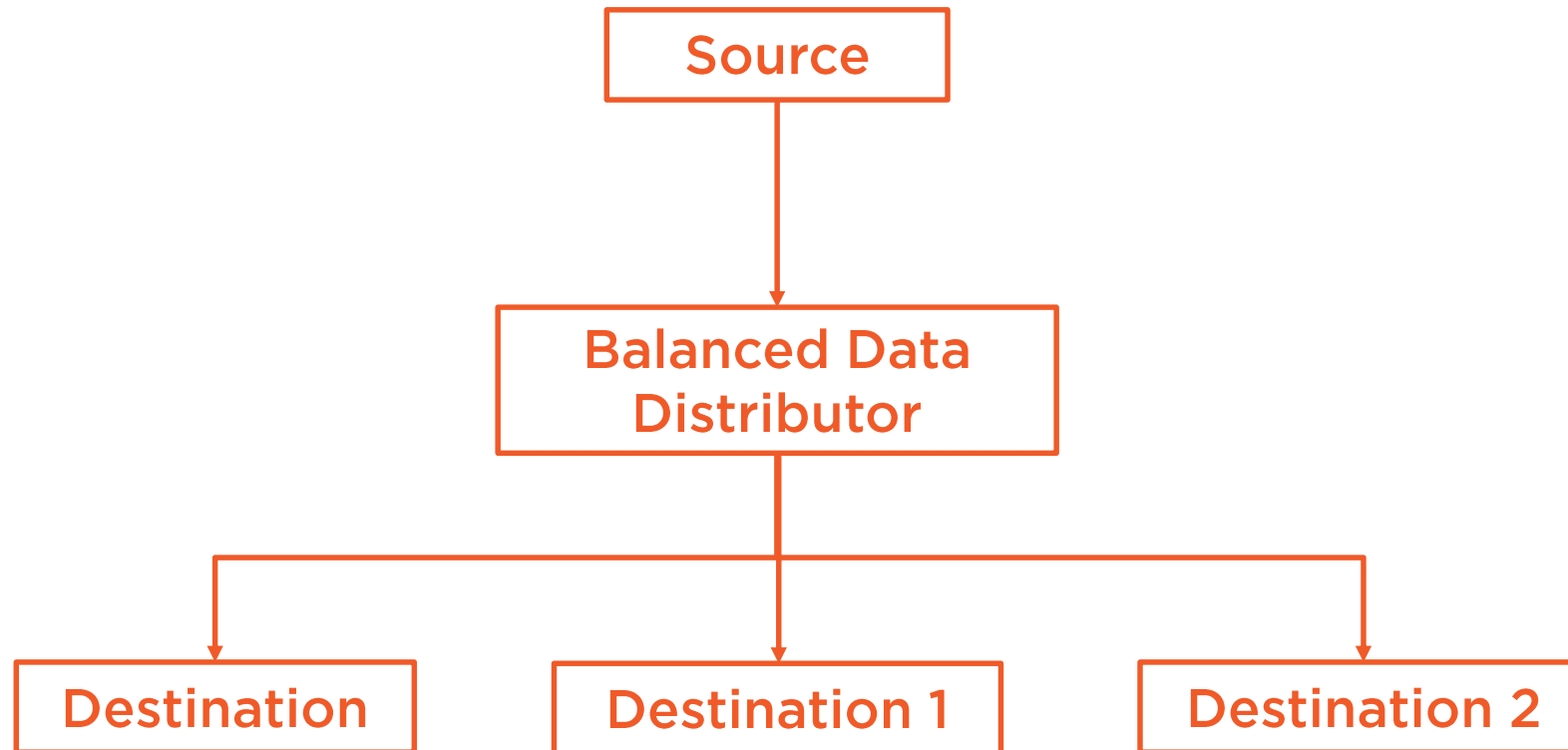




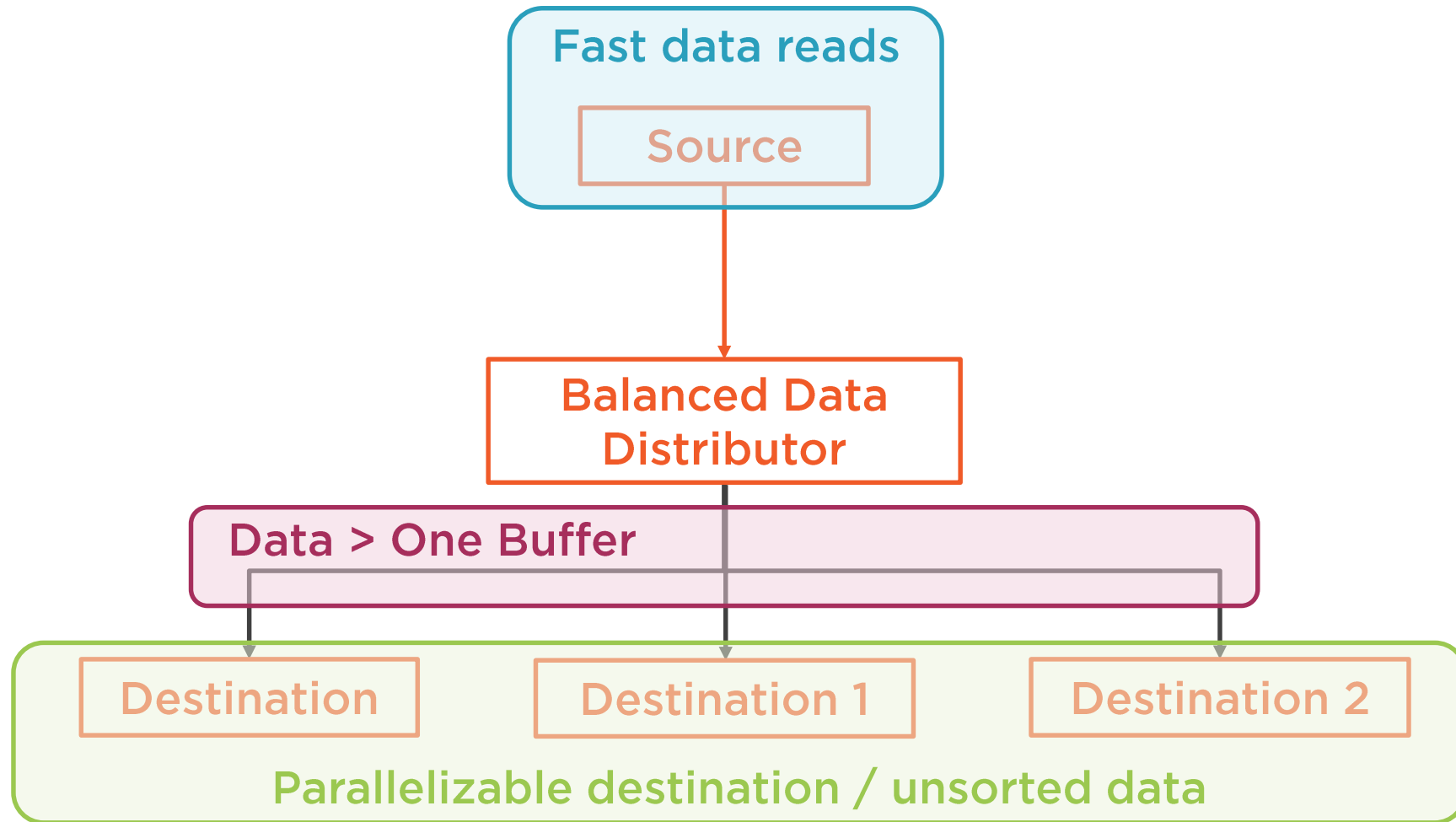
# Balanced Data Distributor Transformation



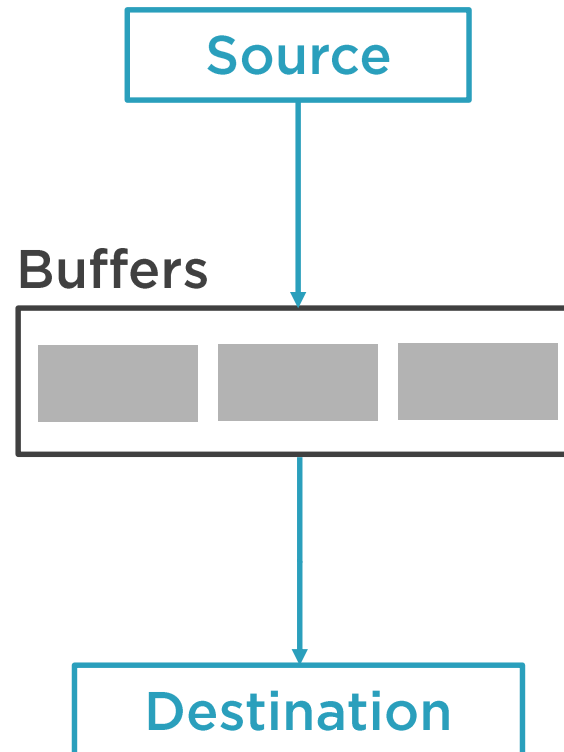
# Balanced Data Distributor Transformation



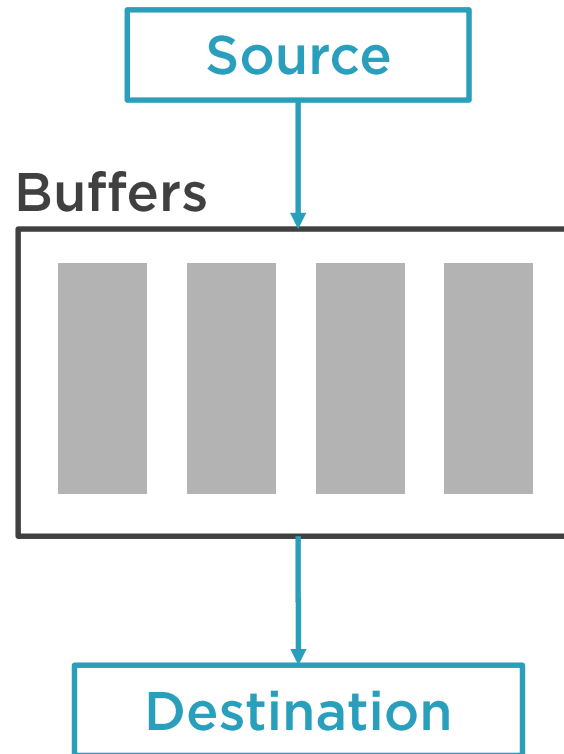
# Balanced Data Distributor Transformation



# Buffer Sizing



# Buffer Sizing



# Summary



Connectors

HDFS

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Data Feed Publishing

Balanced Data Distributor

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