



**eZ**integrations

**eZintegrations**  
*Connect any systems*

**Solve Complex API Challenges without Coding**

***Ritesh Khapre***



# API World 2019



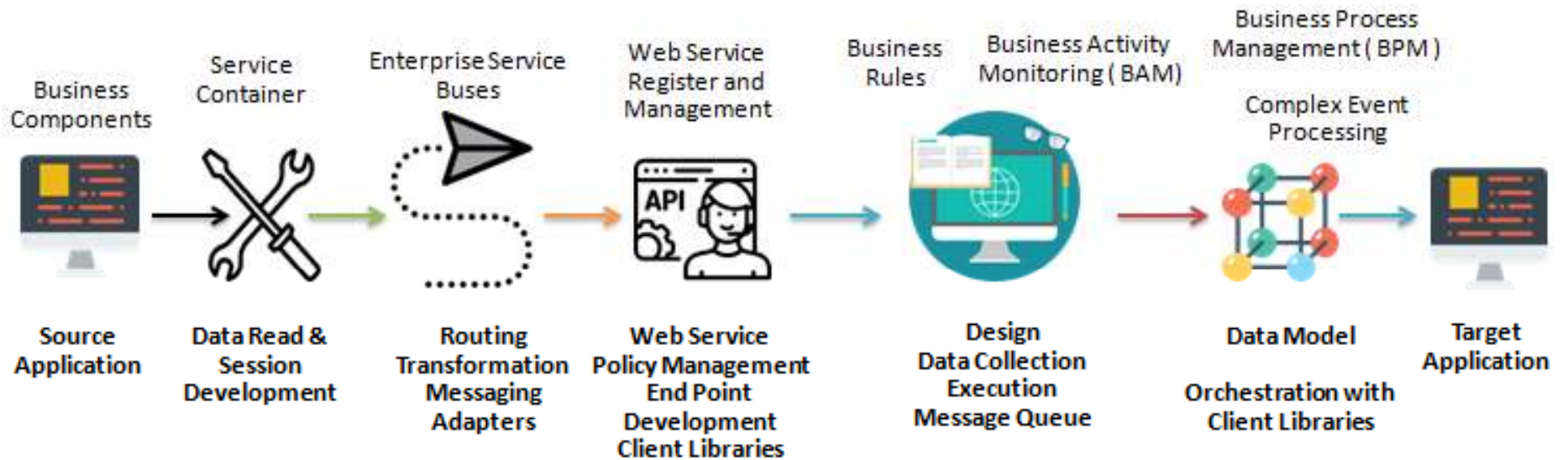
# API- Application Programming Interface



# #1. Programming



# Traditional Integration flow between system



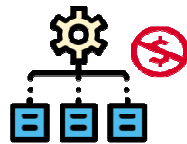
# So What we need ?



## No Client Library

No usage of PHP, Java, Python, .NET, Perl Client Libraries

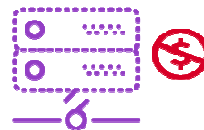
Less Code, Error Free



## No Staging

Real Time Data Transaction

Data transformation on the go



## No PaaS

High Fault Tolerance



## No Middleware / SOA

Less Technology Burden



## No Enterprise Service Container/ Buses

System Connection session, Routing of Messages and Web Services Registry on the GO



## #2. Multiple Software Vendors Multiple Adaptors



# Integration with Multiple Systems



# Three Data Family



Databases

Flat Files

APIs- REST/SOAP

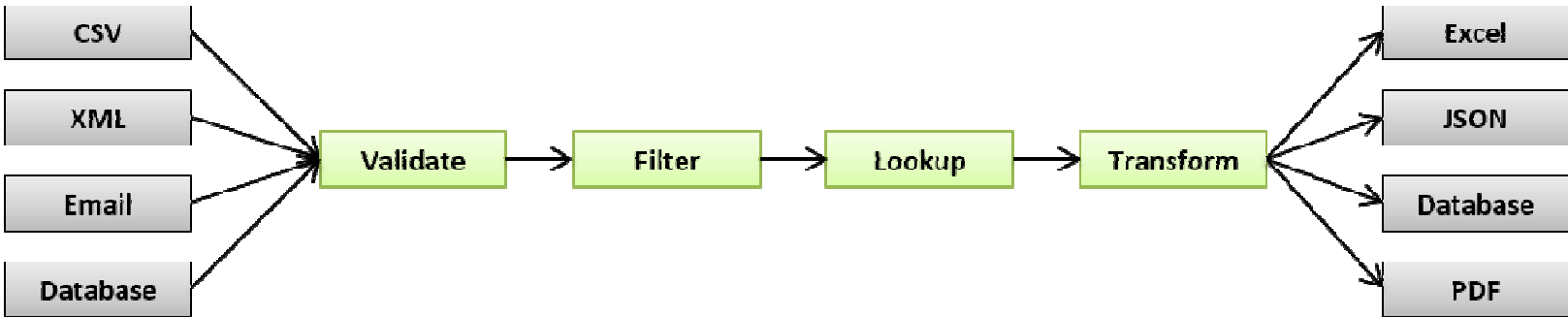
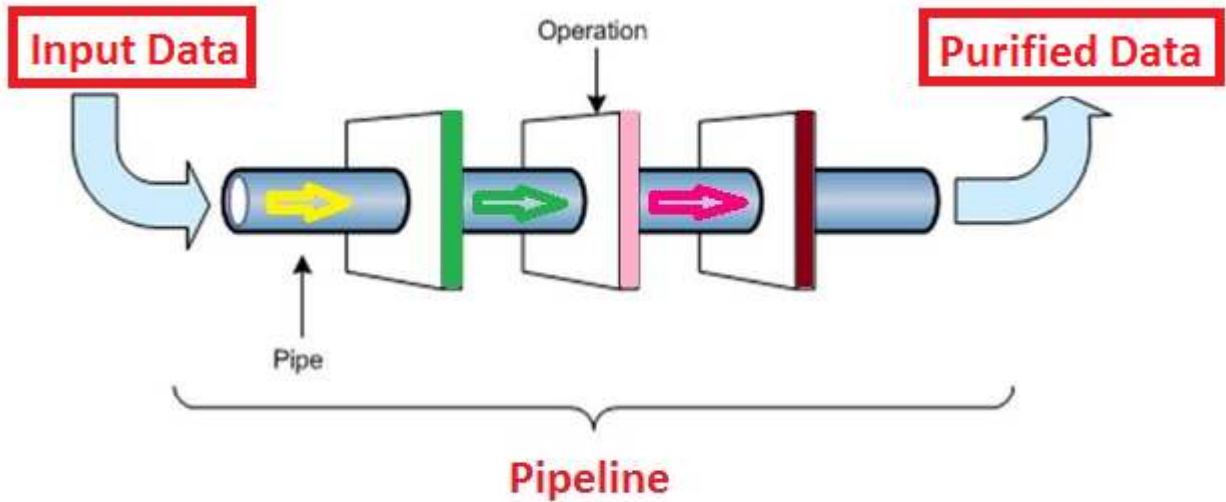
# Data Engineering



#3

## ETL Vs Pipeline

# Data Pipeline



BIZDATA

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## Solve complex API challenges in easy way



**Stream more than one pipeline :  
Connected Pipeline, pass data from  
one API to another**



**Dynamic Number of  
Pages in API Response**



**Short Life tokens to get  
API response: OAuth 2.0,  
Signature Auth,  
Integration Auth**



**Process more than  
100K records in one  
API request without  
data staging**



**Solve limitations in  
fetching more than 5K  
record per request  
with wait time period**

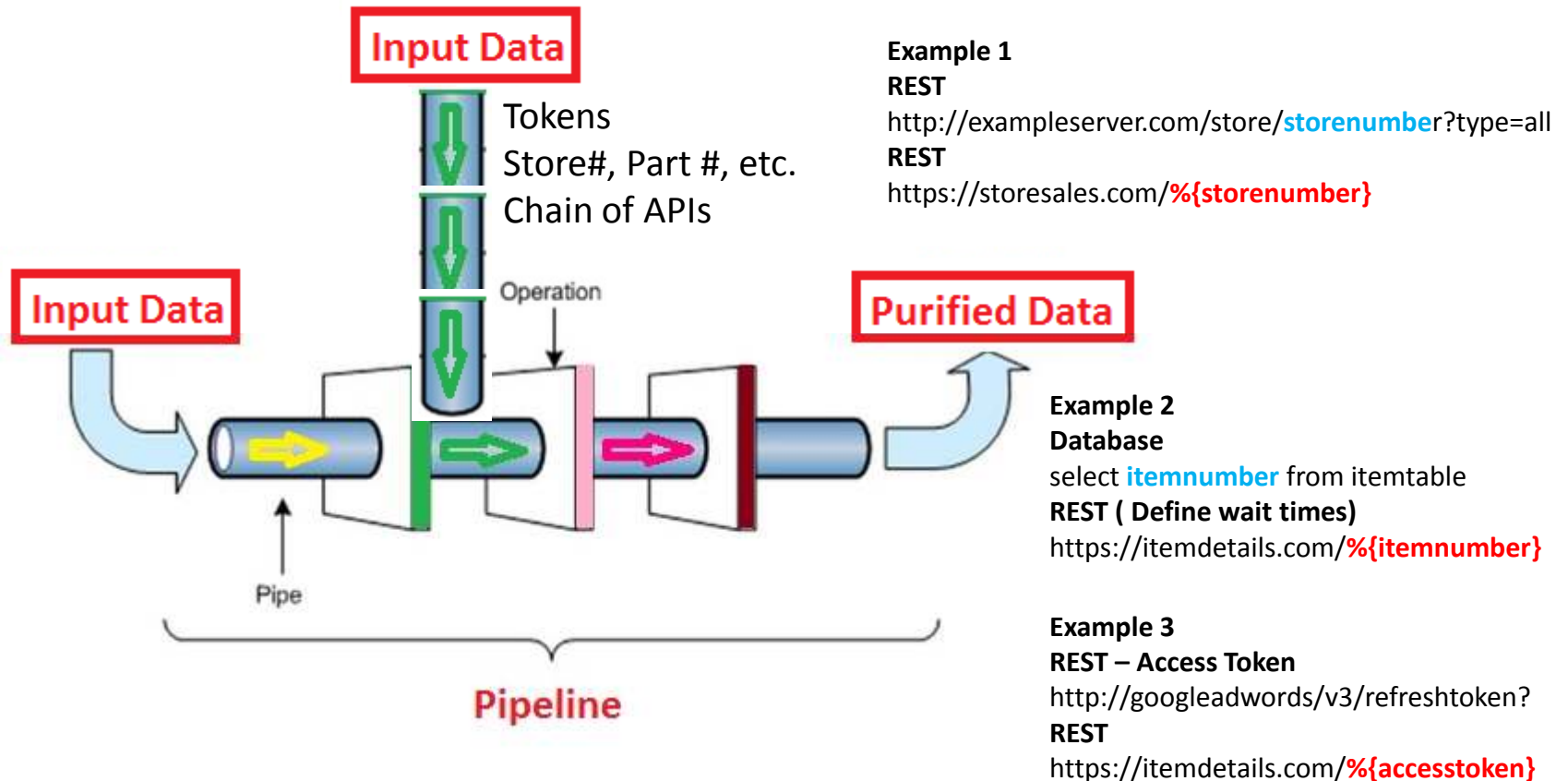


**Stream data in attachments/files  
For targets like Amazon S3, Google  
Drive, Oracle Fusion Docs etc.**

# Connected Pipeline



Pass on Data from One Pipeline to Another Pipeline

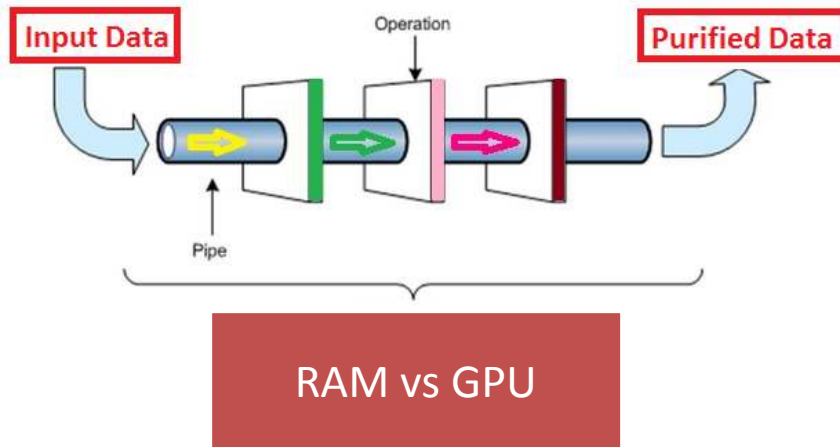


# High Volume Data – Real Time



1 Event

```
{
  "id": "1",
  "server": "1",
  "data": "1",
  "offset": "1",
  "broker": "1",
  "topic": "1",
  "partition": "1",
  "key": "1",
  "value": "1"
}
```



100 K  
Events

Say NO to  
Message  
Brokers







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