

# Apache NiFi: Spokes for Your Hub. Just Point & Integrate



**GANESH VAIDEESWARAN**

Vice President, Product Development,  
MarkLogic

@ganesh\_vaidee

 MarkLogic®



+



+

 MarkLogic®

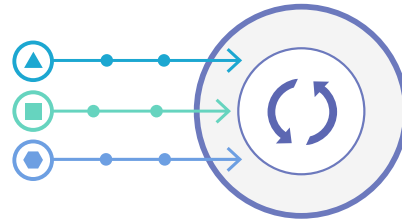
AUTOMATE DATA LOAD  
**Apache NiFi**



**Developed by the NSA**

---

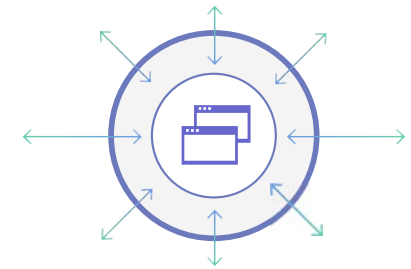
10 years of development,  
with a focus on data  
security and ease of use



**50+ Processors**

---

Connect MarkLogic to  
relational, Hadoop, S3,  
and more



**Drag and Drop UI**

---

Easy drag and drop UI that  
makes it easier than ever  
to load data to MarkLogic

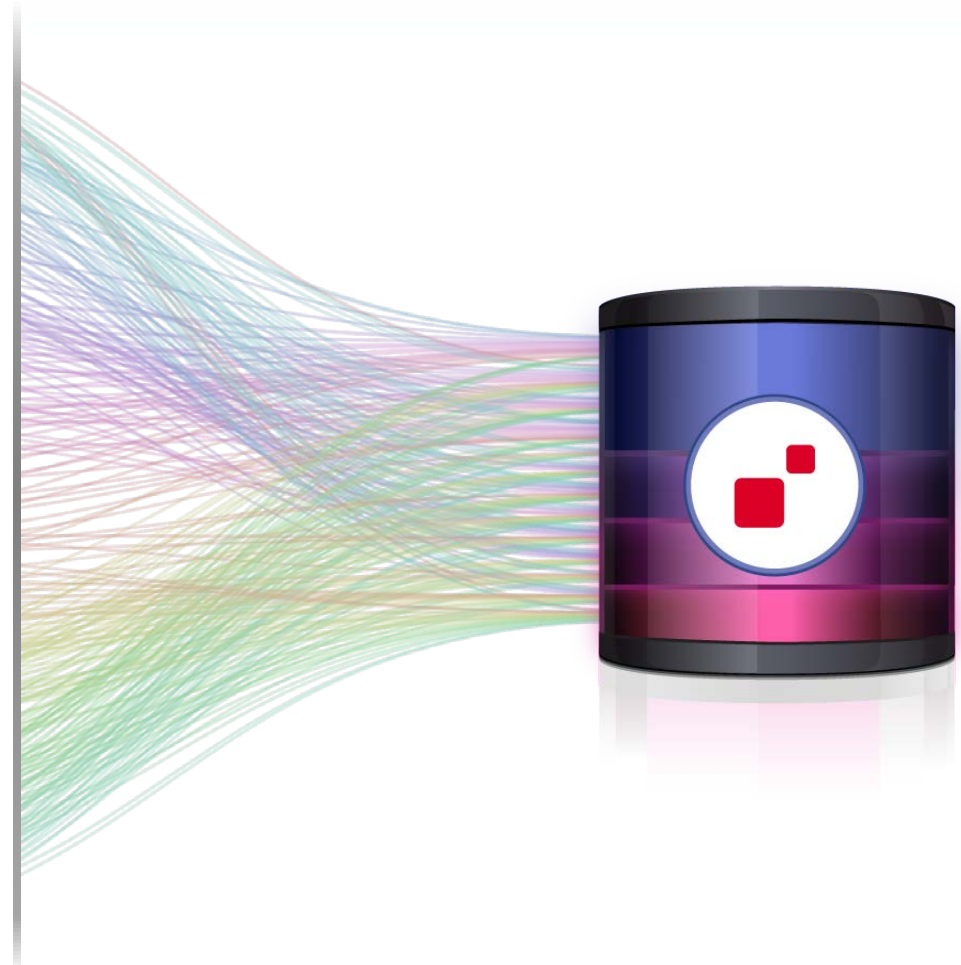
# Load Any Data Source With NiFi

- |                       |                   |
|-----------------------|-------------------|
| AMQP                  | JMS               |
| AMAZON SQS            | JSON PATH READER  |
| AMAZON SNS            | KAFKA             |
| AMAZON S3             | MONGO             |
| AZURE EVENT HUB       | MQTT              |
| COUCHBASE             | MYSQL             |
| CSV                   | PARQUET           |
| DYNAMODB              | POP3              |
| ELASTIC SEARCH        | REDIS             |
| EXCHANGE WEB SERVICES | RETHINKDB         |
| FILE SYSTEM           | SFTP              |
| FTP                   | SNMP              |
| GOOGLE CLOUD BUCKET   | SOLR              |
| GROK READER           | SPARK             |
| HBASE                 | SPLUNK            |
| HDFS                  | SQL               |
| HTTP                  | TCP               |
| IGNITE CACHE          | WINDOWS EVENT LOG |
| IMAP                  |                   |



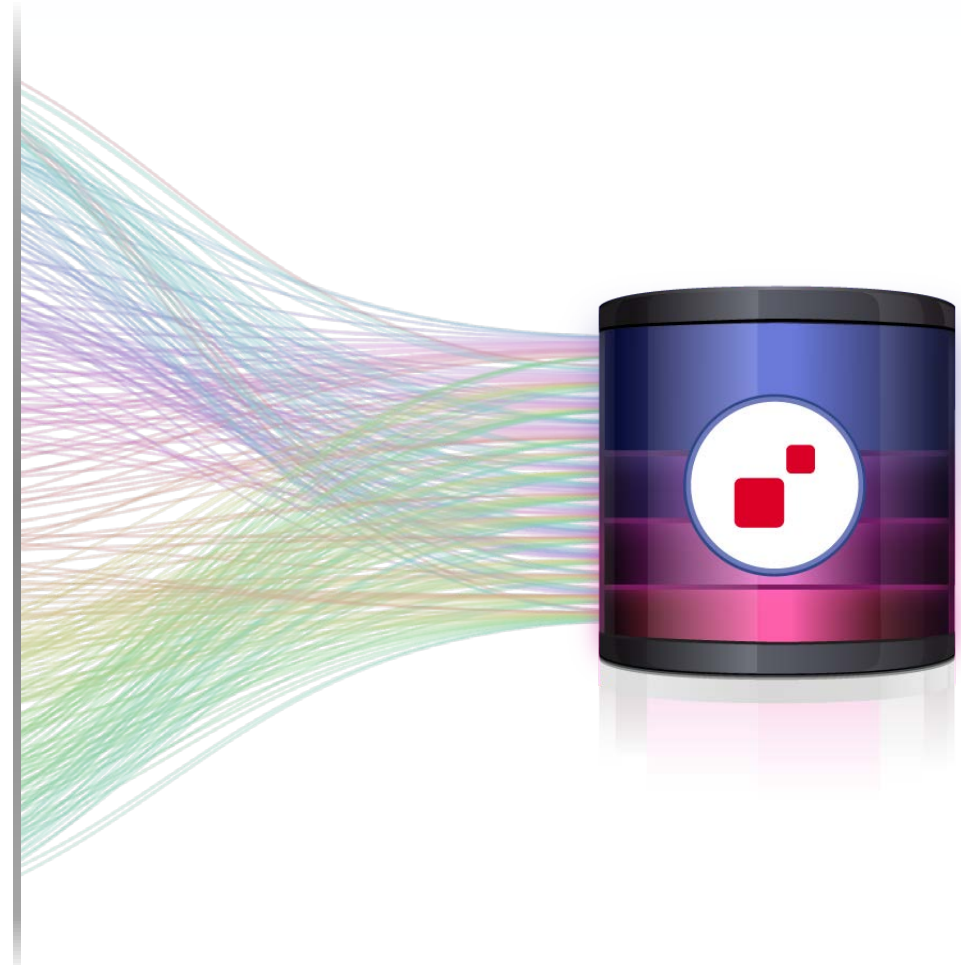
# Load Hadoop Data With NiFi

- AMQP
- AMAZON SQS
- AMAZON SNS
- AMAZON S3
- AZURE EVENT HUB
- COUCHBASE
- CSV
- DYNAMODB
- ELASTIC SEARCH
- EXCHANGE WEB SERVICES
- FILE SYSTEM
- FTP
- GOOGLE CLOUD BUCKET
- GROK READER
- HBASE**
- HDFS**
- HTTP
- IGNITE CACHE
- IMAP
- JDBC
- JMS
- JSON PATH READER
- KAFKA**
- MONGO
- MQTT
- MYSQL
- PARQUET**
- POP3
- REDIS
- RETHINKDB
- SFTP
- SNMP
- SOLR
- SPARK**
- SPLUNK
- SQL
- TCP
- WINDOWS EVENT LOG



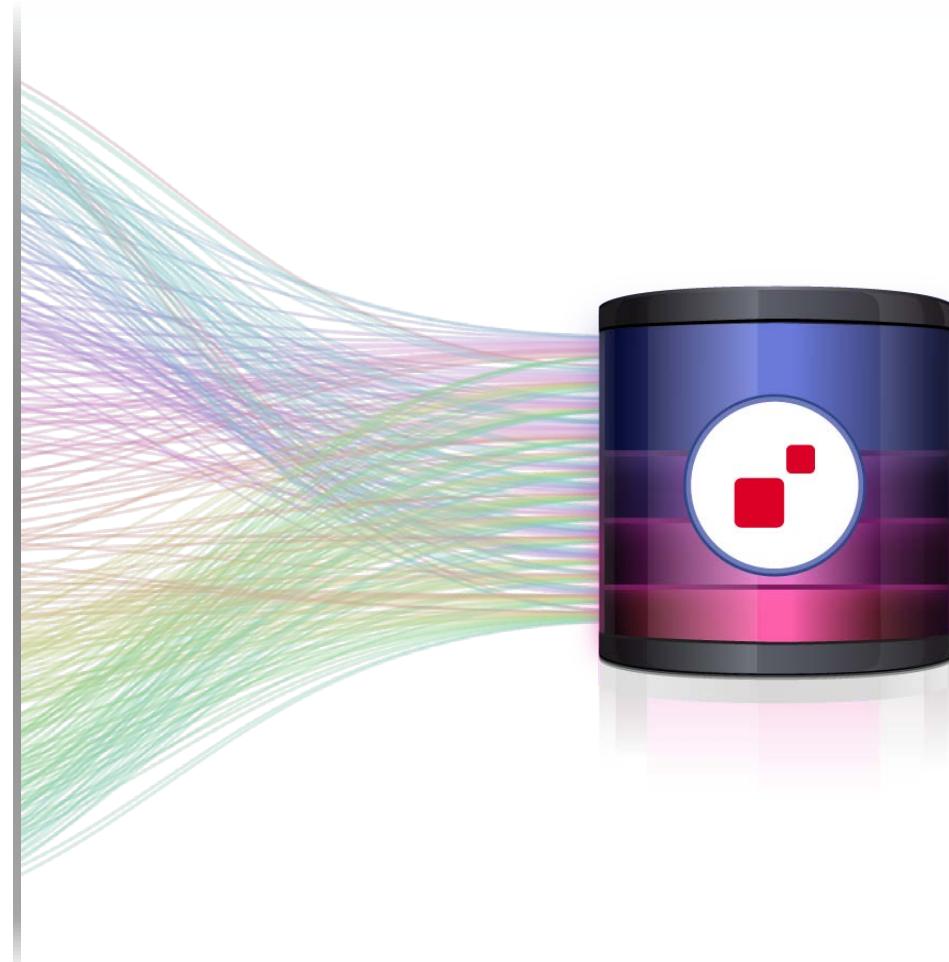
# Load Relational Data With NiFi

- AMQP
- AMAZON SQS
- AMAZON SNS
- AMAZON S3
- AZURE EVENT HUB
- COUCHBASE
- CSV**
- DYNAMODB
- ELASTIC SEARCH
- EXCHANGE WEB SERVICES
- FILE SYSTEM
- FTP
- GOOGLE CLOUD BUCKET
- GROK READER
- HBASE
- HDFS
- HTTP
- IGNITE CACHE
- IMAP
- JDBC**
- JMS
- JSON PATH READER
- KAFKA
- MONGO
- MQTT
- MYSQL**
- PARQUET
- POP3
- REDIS
- RETHINKDB
- SFTP
- SNMP
- SOLR
- SPARK
- SPLUNK
- SQL**
- TCP
- WINDOWS EVENT LOG



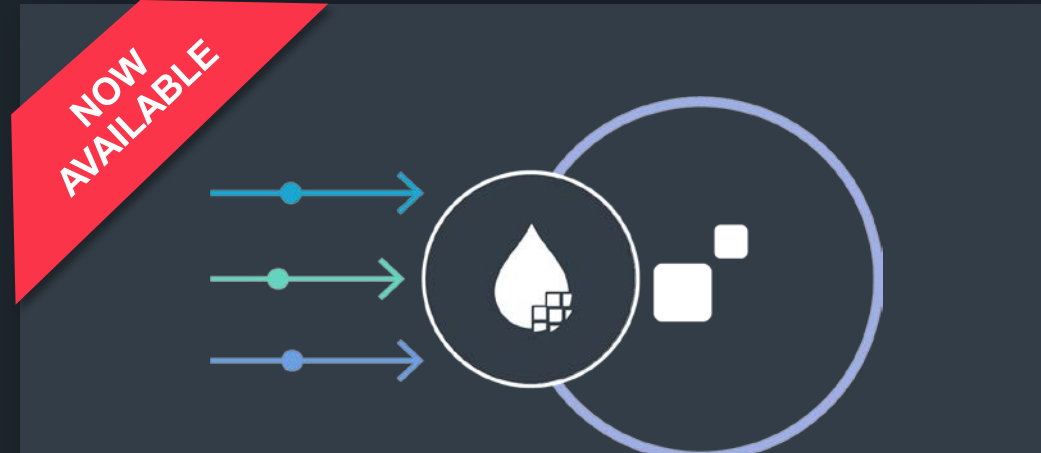
# Load AWS Data With NiFi

- AMQP
- AMAZON SQS**
- AMAZON SNS**
- AMAZON S3**
- AZURE EVENT HUB
- COUCHBASE
- CSV
- DYNAMODB**
- ELASTIC SEARCH
- EXCHANGE WEB SERVICES
- FILE SYSTEM
- FTP
- GOOGLE CLOUD BUCKET
- GROK READER
- HBASE
- HDFS
- HTTP
- IGNITE CACHE
- IMAP
- JDBC
- JMS
- JSON PATH READER
- KAFKA
- MONGO
- MQTT
- MYSQL
- PARQUET
- POP3
- REDIS
- RETHINKDB
- SFTP
- SNMP
- SOLR
- SPARK
- SPLUNK
- SQL
- TCP
- WINDOWS EVENT LOG



# Demo





**NOW AVAILABLE**

**Apache NiFi**

Point and Click Data Flows

<https://github.com/marklogic/nifi>

The image features a dark blue background with a central graphic of the Apache NiFi logo, which consists of a white circle containing a water drop and a grid, next to a white square with a smaller square inside it. Three horizontal arrows (red, green, and blue) point towards the logo. A red banner in the top-left corner of the graphic area contains the text 'NOW AVAILABLE' in white, slanted capital letters. Below the graphic, the text 'Apache NiFi' is written in a large, bold, white font, followed by 'Point and Click Data Flows' in a smaller white font, and the URL 'https://github.com/marklogic/nifi' in a light blue font.

# Apache NiFi: Spokes for Your Hub. Just Point & Integrate



**GANESH VAIDEESWARAN**

Vice President, Product Development,  
MarkLogic

@ganesh\_vaidee