

Apache Kafka Plugins

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Description

This bundle contains a set of sample producer and consumer plugins for [Apache Kafka](#). For detailed instructions and an introduction to Apache Kafka, please refer to the blog article [Apache Kafka and Low-Code: An Introduction](#) and a [Practical Tutorial on Integrating IBM Event Streams and Watson IoT Platform with Joget](#).

This plugin source code is available in a new open source repository at <https://github.com/jogetoss/>. JogetOSS is a community-led team for open source software related to the Joget no-code/low-code application platform. Projects under JogetOSS are community-driven and community-supported, and you are welcome to contribute to the projects.

Plugin Info

Plugins Available in the Bundle:

1. Kafka Producer Tool
2. Kafka Consumer Audit Trail

This plugin bundle is compatible with Joget Workflow v6.

Installation

1. Download the plugin JAR file:
[joget-kafka-6.0.1.jar](#)
2. Upload the downloaded jar file through [Manage Plugins](#).
3. Map and configure the producer tool plugin to any [Process Tool/ Post Form Submission Processing Plugin](#).
4. Configure the consumer audit trail plugin under [Plugin Default Properties](#).
5. A sample app for Joget Enterprise Edition is available for download here.
[APP_kafka-2-20200120052531.jwa](#)
6. The source code for the plugin is available at <https://github.com/jogetoss/joget-kafka>.

Screenshots

Design App: Kafka App

Version 1 | Publish

Forms & UI

Processes

Properties &

Performance

Logs

All Apps

PLUGIN CONFIGURATION - SEND KAFKA MESSAGE (TOOL1)

Kafka Configuration

Bootstrap Servers * [?](#)
 broker-1-t115226q7ljf7f4n.kafka.svc02.us-south.eventstreams.cloud.ibm.com:9093
 broker-2-t115226q7ljf7f4n.kafka.svc02.us-south.eventstreams.cloud.ibm.com:9093

API Key *
 p11Fh8ZVt9Q8DQPiuE6jYLYhmMmKLaKIXCjWkpSI6OZ

Topic *
 kafka-java-console-sample-topic

Key *
 key

Message *
 message

Submit Change Plugin

Design App: Kafka App

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PLUGIN CONFIGURATION

Kafka Configuration

Bootstrap Servers * [?](#)
 broker-1-t335226q7ljf7f4n.kafka.svc02.us-south.eventstreams.cloud.ibm.com:9093
 broker-2-t335226q7ljf7f4n.kafka.svc02.us-south.eventstreams.cloud.ibm.com:9093

API Key *
 p9C0Fh8ZVt9Q8DQPiuE6jYLYhmMmKLaKIXCjWkpSI6OZ

Topic *
 kafka-java-console-sample-topic

BeanShell Script for Received Message * [?](#)

```

1 import org.joget.commons.util.LogUtil;
2
3 LogUtil.info("KafkaConsumer", "Message received " + key + "=" + value);
4

```

Debug Mode [?](#)

Submit

Changelog

Version	Items

6.0.1	Modified: SASL/Plain authentication support, tested with Red Hat OpenShift Streams for Apache Kafka. Modified: Updated to the latest kafka-clients 2.8.0. Fixed: Plugin configuration does not support hash variables.
6.0.0	Initial release for Apache Kafka