
Awesome Nifi

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Learning NiFi

- [xmlking/nifi-examples](#) - Apache NiFi example flows
- [simonellistonball/masterclass-hdf](#) - Various NiFi labs and class
- [seanorama/masterclass](#) - Platform setup for nifi masterclass and other Hadoop workshops
- [aperepel/nifi-workshop](#) - A complete custom processor project, for your reference
- [pcgrenier/nifi-examples](#) - Apache Nifi Examples by <http://www.nifi.rocks>
- [bbende/nifi-example-bundles](#) - Example processor bundles for Apache NiFi
- [abajwa-hw/nifi-network-processor](#) - Sample custom Nifi processor to process tcpdump
- [bbende/nifi-streaming-examples](#) - Collection of examples integrating NiFi with stream process frameworks

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- DhruvKumar/stocks-dashboard-lab - This lab teaches you how to create a realtime dashboard of stock prices
 - Getting Started With Apache NiFi and Hortonworks HDF

Blogs and Presentations

Blogs

- Apache NiFi Blog
- Bryan Bende (Apache NiFi PMC)
- Fun with Apache NiFi (Apache NiFi PMC)
- Andy LoPresto (Apache NiFi PMC)
- Koji Kawamura (Apache NiFi PMC)
- Pierre Villard (Apache NiFi PMC)
- nifi.rocks
- Richard's Tech Notes
- Dataflow Developer

Specific Topics

- Monitoring An S3 Bucket in Apache NiFi
- IoT streaming with MQTT and Apache NiFi
- Building Data Pipelines for Solr with Apache NiFi
- Using Apache Nifi to Stream Live Twitter Feeds to Hadoop
- Creating a Limited Failure Loop in NiFi
- Update NiFi Flow On-the-fly via API
- ExecuteScript Processor Hello, World!
- Replacing Flow File Content with the ExecuteScript Processor
- Using Modules with the ExecuteScript Processor
- 3 Considerations for Apache NiFi in Financial Services
- Custom Processors for Apache NiFi
- Collecting Logs with Apache NiFi
- Best practices for setting up a high performance NiFi installation
- Using Apache NiFi to read children's books
- What is Apache NiFi?
- Optimizing Performance of Apache NiFi's Network Listening Processors
- Running NiFi on Raspberry Pi. Best Practices.

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- Examples integrating NiFi with stream process frameworks
 - Use NiFi to Lessen the Friction of Moving Data
 - Streaming analytics with SAS Event Stream Processing and Apache Nifi
 - Using the Apache Ranger Authorizer
 - Overview of X.509 SSL Security on NiFi
 - Configuring Apache NiFi SSL Authentication
 - Apache NiFi tls-toolkit multi-node standalone in Docker
 - Mongo to Mongo Data Moves with NiFi
 - Integrating Apache NiFi and Apache Kafka
 - Using Apache NiFi to ingest SNMP tables into Avro
 - Clojure on Apache NiFi
 - Flow-Based Programming for Trading Systems
 - Stream data into Hive ORC on CDH 5.8.3 with Nifi
 - Creating An Email Bot in Apache NiFi
 - Routing Logs through Apache NiFi to Phoenix
 - Ingesting Remote Camera Images from RPI via Apache NiFi

Slides

- Data Distribution Patterns with Apache NiFi
- Integrating NiFi and Flink
- Data ingestion and distribution with apache NiFi
- Drone Data Flowing Through Apache NiFi
- Real-Time Twitter Sentiment Analysis and Image Recognition with Apache NiFi
- Apache NiFi Overview

Videos

- NiFi Crash Course (by Andy LoPresto, Hortonworks) - Very good overview of NiFi, good speaker, with live session in which a data flow is built
- OSCON 2015 : Beyond messaging - Enterprise Dataflow with Apache NiFi
- Hortonworks DataFlow powered by Apache NiFi
- How to navigate and build a dataflow in Apache Nifi
- IoT-Processor for #ApacheNiFi in action. Visualization of Tweets about presidential candidates. #AWSIoT #RaspberryPi

Mailing List Best Of

- [Re: Persistence of intermediary data in NiFi ?](#)
- [Re: Need help understanding backpressure](#)

Templates and Examples

- [hortonworks-gallery/nifi-templates](#) - A collection of templates for use with Apache NiFi
- [bikash/nifiIoT](#) - Data Tracking using Apache NiFi in IoT, IoE
- [BatchIQ/nifi-executescript-samples](#) - Sample scripts for use with Apache NiFi's ExecuteScript processor
- [ijokarumawak/nifi-deploy-process-group](#) - Deploy ProcessGroup into your LIVE NiFi data-flow
- [tbilou/flickr-nifi](#) - Using Nifi to easily fetch all photo data from Flickr

Processors and Bundles

- [xmlking/nifi-scripting](#) - NiFi Dynamic Script Executors
- [SwingDev/nifi-file-from-template-processor](#) - Apache NiFi processor to create a new file from a Jinja template
- [fsauer65/NiFi-Extensions](#) - This repository contains the source for a json-json transformation processor for apache NiFi
- [qiansl127/nifi-spark-bundle](#) - Customized Spark processor on NiFi
- [richards-tech/RTNiFiStreamProcessors](#) - IoT MQTT sensor stream capture for Apache NiFi
- [MDL/nifi-rabbitmq-bundle](#) - NiFi Rabbit MQ bundle
- [xmlking/nifi-websocket](#) - Apache NiFi WebSocket Listener
- [ryanleary/nifi-redis](#) - NiFi Processors for pulling from Redis
- [jdye64/nifi-gpiorest](#) - NiFi processor example for controlling REST based GPIO device like a Raspberry PI
- [aperepel/nifi-mqtt-bundle](#) - A generic support for NiFi interfacing with MQTT brokers
- [jfrazee/nifi-kinesis](#) - Kinesis processor for Apache NiFi
- [joahf/nifi-radius](#) - Apache NiFi process to Radius logs
- [jdye64/nifi-openalpr](#) - NiFi integration for OpenALPR
- [qntfy/nifi-redis](#) - NiFi Processors for handling data in Redis
- [jahhulbert-ccri/geomesa-nifi](#) - NiFi GeoMesa ingest processor
- [markap14/nifi-nosql-bundle](#) - NiFi NoSQL processors (MongoDB, Accumulo)
- [simonellistonball/nifi-OpenCV](#) - Open CV based processors for NiFi
- [simonellistonball/nifi-AccumuloGraph](#) - NiFi processors for AccumuloGraph

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- [helicopterman22/nifi_amqp_processors](#) - A set of processors for sending and retrieving messages from an AMQP broker
 - [bbukacek/nifi-hadoop-libraries-bundle](#) - NiFi Hadoop Library for MapR
 - [apiri/nifi-delegated-authorization-bundle](#) - A sample implementation of NiFi extensions working in concert to provide a delegated authorization approach in handling data on a per event basis
 - [uwegeercken/nifi_processors](#) - Includes an Apache Velocity template processor
 - [acesir/nifi-ConvertJSONtoCSV-bundle](#) - Convert multi nested JSON files into denormalized, flattened out version of the CSV
 - [acesir/nifi-ParseCSV-bundle](#) - CSV parsing with masking, encryption and tokenization
 - [withersdb/ALTER-nifi-putgeowave](#) - A NiFi processor that writes data to GeoWave
 - [jdye64/nifi-addons](#) - Additional convenience processors not found in core Apache NiFi (OpenCV, Salesforce, Sphinx, Tesseract)
 - [apsaltis/nifi-soap](#) - NiFi SOAP processor
 - [jfrazee/nifi-provenance-reporting-bundle](#) - NiFi provenance reporting tasks
 - [KayLerch/apache-nifi-voiceops-skill](#) - An Alexa skill which can be used to voice-control an Apache NiFi dataflow
 - [imaifactory/nifi-processors](#) - Includes processors for converting from regex named groups and LTSV to JSON
 - [selim-namsi/NifiGrokProcessor](#) - Grok processor
 - [DhruvKumar/nifi-grok-processor-bundle](#) - NiFi processor which can parse using Grok like expressions
 - [DoxoLogic/nifi-generate-content](#) - Apache nifi processor for creating a new FlowFile content based on property value
 - [weaverplatform/weaver-nifi](#) - Processor implementations for the Apache NiFi platform for connecting to the Weaver Platform
 - [kineticadb/kinetica-connector-nifi](#) - GPUdb NiFi Connector
 - [aperepel/nifi-csv-bundle](#) - CSV processors
 - [minyk/nifi-headlessbrowser-processor](#) - Returns the page source in its current state to FlowFile, including any DOM updates that occurred after page load
 - [PromonLogicalis/nifi-spoofing-bundle](#) - NiFi bundle for IP spoofing
 - [mmiklavc/scalable-ocr](#) - Scalable OCR with Apache NiFi and Tesseract
 - [openenergi/nifi-azure-datalake](#) - A processor to store NiFi flowfiles in Azure Data Lake
 - [simonellistonball/PiWiNiFi](#) - A NiFi demo for collecting wifi data from conferences
 - [simonellistonball/nifi-ml-bundle](#) - A bundle for basic scoring machine learning models in NiFi (PMML).
 - [simonellistonball/nifi-audio-bundle](#) - Various audio related processors for NiFi
 - [pinkdevelops/nifi-googlegeocode-bundle](#) - FlowFile enrichment using google geocode service

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- jonathantelfer/nifi-neo4j - Bundle to add data into Neo4J graph databases
 - compose-ex/nifi-compose-bundle - Mongo streaming and RocksDB processors
 - sysunite/sysunite-nifi - Generic Sysunite processors
 - BatchIQ/nifi-file-identity-provider-bundle - Identity Provider for Apache NiFi, allowing user-name/password authentication backed by a local file store
 - mrcsparker/nifi-edireader-bundle - Apache NIFI processor that converts EDI ASC X12 and EDI-FACT documents into XML
 - mrcsparker/nifi-r-bundle - R Processor for NIFI
 - pagefault3228/nifi-processor-CheckDiskUsage - NiFi processor that can monitor flowfile and content repository usage and enable back pressure when limits exceeded
 - pagefault3228/nifi-reportingtask-NagiosNRDPReporter - NiFi Reporting Task that reports NiFi metrics to Nagios via NRDP
 - pinkdevelops/nifi-accumulo-service - Apache NiFi Controller Service for connecting to Apache Accumulo 1.7.0
 - mring33621/nats-messaging-for-nifi - NATS messaging processors for Apache Nifi
 - aashar/NiFi4Trading - NiFi Bundle for FIX Protocol
 - tspannhw/linkextractorprocessor - Extracts links from HTML pages

Deployment

Webservice client API

- hermannpencole/nifi-swagger-client - Client swagger for nifi with OAuth2 security

Data Flow Deployment

- aperepel/nifi-api-deploy - Demonstrates NiFi template deployment and configuration via a REST API
- Glympse/terraform-provider-nifi - Terraform plugin allowing to automate NiFi flow deployment and management.
- hermannpencole/nifi-config - Nifi : deploy and configure Template

Administration

- abajwa-hw/ambari-nifi-service - Ambari service to deploy/manage NiFi on HDP
- prateek/nifi-parcel - Apache NiFi service for Cloudera Manager

Configuration Management

- data-wrangers/nifi - Chef cookbook for Nifi install
- 45fifteen/charm-nifi - juju charm for nifi
- trevor-vaughan/pupmod-simp-nifi - Puppet Module for managing Apache NiFi

Packages

- thmaung/nifi-builder - Builds Apache NiFi RPM using rake and mock

Dockerfiles

- (official) apache/nifi
- apiri/dockerfile-apache-nifi
- mkobit/docker-nifi
- aperepel/docker-nifi
- ijokarumawak/docker-compose-nifi-cluster

Kubernetes

- cetic/helm-nifi - Helm Chart to deploy Apache Nifi on a Kubernetes cluster

Vagrantfiles

- minyk/nifi-sandbox

Misc

- mattyb149/nifi-client - A NiFi client library for JVM languages
- sponiro/gradle-nar-plugin - A gradle plugin to create nar files for Apache nifi
- SebastianCarroll/nifi-api - A ruby wrapper for the nifi rest api
- jfrazee/nifi-processor-bundle-scala.g8 - A giter8 template for generating a new Scala NiFi processor bundle
- jdye64/go-nifi - Golang implementation of NiFi Site-to-Site protocol
- SebastianCarroll/nifi-api - A ruby wrapper for the nifi rest api
- mattyb149/nifi-script-tester - A project to create a stub/mock environment for testing Execute-Script processors

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- [bbende/apache-ranger-vagrant](#) - Deploys Apache Ranger in a Vagrant VM
 - [big-solutions/clj-nifi-bundle](#) - A Boot template for clj-nifi projects
 - [big-solutions/clj-nifi](#) - A Clojure library/DSL for Apache NiFi processors
 - [tspannhw/rpi-sensehat-mqtt-nifi](#) - Python Scripts for working with MQTT
 - [tspannhw/rpi-picamera-mqtt-nifi](#) - Python Scripts for working with MQTT + Cameras

License

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