

Connector	Description
ActiveMQ	For JMS Messaging with Apache ActiveMQ
ActiveMQ Broker	For internal message routing in the ActiveMQ broker using Camel.
Activiti	For working with Activiti, a light-weight workflow and Business Process Management (BPM) platform which supports BPMN 2
AHC	To call external HTTP services using Async Http Client
AMQP	For Messaging with AMQP protocol
APNS	For sending notifications to Apple iOS devices
Atom	Working with Apache Abdera for atom integration, such as consuming an atom feed.
Avro	Working with Apache Avro for data serialization.
AWS-CW	For working with Amazon's CloudWatch (CW).
AWS-DDB	For working with Amazon's DynamoDB (DDB).
AWS-S3	For working with Amazon's Simple Storage Service (S3).
AWS-SDB	For working with Amazon's SimpleDB (SDB).
AWS-SES	For working with Amazon's Simple Email Service (SES).
AWS-SNS	For Messaging with Amazon's Simple Notification Service (SNS).
AWS-SQS	For Messaging with Amazon's Simple Queue Service (SQS).
AWS-SWF	For Messaging with Amazon's Simple Workflow Service (SWF).
Bean	Uses the Bean Binding to bind message exchanges to beans in the Registry. Is also used for exposing and invoking POJO (Plain Old Java Objects).
Bean Validator	Validates the payload of a message using the Java Validation API (JSR 303 and JAXP Validation) and its reference implementation Hibernate Validator
Box	For uploading, downloading and managing files, managing files, folders, groups, collaborations, etc. on Box.com.
Browse	Provides a simple BrowsableEndpoint which can be useful for testing, visualisation tools or debugging. The exchanges sent to the endpoint are all available to be browsed.
Cache	The cache component facilitates creation of caching endpoints and processors using EHCache as the cache implementation.
Class	Uses the Bean Binding to bind message exchanges to beans in the Registry. Is also used for exposing and invoking POJO (Plain Old Java Objects).
CMIS	Uses the Apache Chemistry client API to interface with CMIS supporting CMS
Cometd	Used to deliver messages using the jetty cometd implementation of the bayeux protocol

Context	Used to refer to endpoints within a separate CamelContext to provide a simple black box composition approach so that routes can be combined into a CamelContext and then used as a black box component inside other routes in other CamelContexts
ControlBus	ControlBus EIP that allows to send messages to Endpoints for managing and monitoring your Camel applications.
Couchbase	Working with Couchbase NoSQL document database
CouchDB	To integrate with Apache CouchDB.
Crypto (Digital Signatures)	Used to sign and verify exchanges using the Signature Service of the Java Cryptographic Extension.
CXF	Working with Apache CXF for web services integration
CXF Bean	Process the exchange using a JAX WS or JAX RS annotated bean from the registry. Requires less configuration than the above CXF Component
CXFRS	Working with Apache CXF for REST services integration
DataFormat	for working with Data Formats as if it was a regular Component supporting Endpoints and URIs.
DataSet	For load & soak testing the DataSet provides a way to create huge numbers of messages for sending to Components or asserting that they are consumed correctly
Db4o	For using a db4o datastore as a queue via the db4o library
Direct	Synchronous call to another endpoint from same CamelContext.
Direct-VM	Synchronous call to another endpoint in another CamelContext running in the same JVM.
Disruptor	To provide the implementation of SEDA which is based on disruptor
DNS	To lookup domain information and run DNS queries using DNSJava
Dropbox	The dropbox: component allows you to treat Dropbox remote folders as a producer or consumer of messages.
EJB	Uses the Bean Binding to bind message exchanges to EJBs. It works like the Bean component but just for accessing EJBs. Supports EJB 3.0 onwards.
ElasticSearch	For interfacing with an ElasticSearch server.
Esper	Working with the Esper Library for Event Stream Processing
EventAdmin	Receiving OSGi EventAdmin events
Exec	For executing system commands
Fabric AMQ	The amq: endpoint works exactly like the activemq: endpoint in Apache Camel; only it uses the fabric to automatically discover the broker. So there is no configuration required; it'll just work out of the box and automatically discover whatever ActiveMQ message brokers are available; with failover and load balancing.

Fabric Fabric	The fabric: endpoint uses Fabric's discovery mechanism to expose physical sockets, HTTP endpoints, etc. into the runtime registry using a logical name so that clients can use the existing Camel Load Balancer.
Fabric Master	The master: endpoint provides a way to ensure only a single consumer in a cluster consumes from a given endpoint; with automatic failover if that JVM dies.
Facebook	Providing access to all of the Facebook APIs accessible using Facebook4J
File	Sending messages to a file or polling a file or directory.
Flatpack	Processing fixed width or delimited files or messages using the FlatPack library
FOP	Renders the message into different output formats using Apache FOP
FreeMarker	Generates a response using a FreeMarker template
FTP	Sending and receiving files over FTP.
FTPS	Sending and receiving files over FTP Secure (TLS and SSL).
GAuth	Used by web applications to implement an OAuth consumer. See also Camel Components for Google App Engine.
Geocoder	Supports looking up geocoders for an address, or reverse lookup geocoders from an address.
GHttp	Provides connectivity to the URL fetch service of Google App Engine but can also be used to receive messages from servlets. See also Camel Components for Google App Engine.
GLogin	Used by Camel applications outside Google App Engine (GAE) for programmatic login to GAE applications. See also Camel Components for Google App Engine.
GMail	Supports sending of emails via the mail service of Google App Engine. See also Camel Components for Google App Engine.
Google Guava EventBus	The Google Guava EventBus allows publish-subscribe-style communication between components without requiring the components to explicitly register with one another (and thus be aware of each other). This component provides integration bridge between Camel and Google Guava EventBus infrastructure.
Gora	Supports to work with NoSQL databases using the Apache Gora framework.
GTask	Supports asynchronous message processing on Google App Engine by using the task queueing service as message queue. See also Camel Components for Google App Engine.
Hazelcast	Hazelcast is a data grid entirely implemented in Java (single jar). This component supports map, multimap, seda, queue, set, atomic number and simple cluster support.
HBase	For reading/writing from/to an HBase store (Hadoop database)
HDFS	For reading/writing from/to an HDFS filesystem using Hadoop 1.x

HDFS2	For reading/writing from/to an HDFS filesystem using Hadoop 2.x
Hibernate	For using a database as a queue via the Hibernate library
HL7	For working with the HL7 MLLP protocol and the HL7 model using the HAPI library
HTTP	For calling out to external HTTP servers using Apache HTTP Client 3.x
HTTP4	For calling out to external HTTP servers using Apache HTTP Client 4.x
iBATIS	Performs a query, poll, insert, update or delete in a relational database using Apache iBATIS
IMAP	Receiving email using IMAP
IMAPS	...
Infinispan	For reading/writing from/to Infinispan distributed key/value store and data grid
IRC	For IRC communication
JavaSpace	Sending and receiving messages through JavaSpace
JB1	For JBI integration such as working with Apache ServiceMix
JCIFS	This component provides access to remote file systems over the CIFS/SMB networking protocol by using the JCIFS library.
jclouds	For interacting with cloud compute & blobstore service via jclouds
JCR	Storing a message in a JCR compliant repository like Apache Jackrabbit
JDBC	For performing JDBC queries and operations
Jetty	For exposing services over HTTP
JGroups	The jgroups: component provides exchange of messages between Camel infrastructure and JGroups clusters.
JMS	Working with JMS providers
JMX	For working with JMX notification listeners
JPA	For using a database as a queue via the JPA specification for working with OpenJPA, Hibernate or TopLink
Jsch	Support for the scp protocol
JT/400	For integrating with data queues on an AS/400 (aka System i, IBM i, i5, ...) system
Kafka	For producing to or consuming from Apache Kafka message brokers.
Kestrel	For producing to or consuming from Kestrel queues
Krati	For producing to or consuming to Krati datastores
Language	Executes Languages scripts
LDAP	Performing searches on LDAP servers (<scope> must be one of object onelevel subtree)
LinkedIn	Component for retrieving LinkedIn user profiles, connections, companies, groups, posts, etc. using LinkedIn REST API.

Log	Uses Jakarta Commons Logging to log the message exchange to some underlying logging system like log4j
Lucene	Uses Apache Lucene to perform Java-based indexing and full text based searches using advanced analysis/tokenization capabilities
Metrics	Uses Metrics to collect application statistics directly from Camel routes.
MINA	Working with Apache MINA 1.x
MINA2	Working with Apache MINA 2.x
Mock	For testing routes and mediation rules using mocks
MongoDB	Interacts with MongoDB databases and collections. Offers producer endpoints to perform CRUD-style operations and more against databases and collections, as well as consumer endpoints to listen on collections and dispatch objects to Camel routes
MQTT	Component for communicating with MQTT M2M message brokers
MSV	Validates the payload of a message using the MSV Library
Mustache	Generates a response using a Mustache template
MVEL	Generates a response using an MVEL template
MyBatis	Performs a query, poll, insert, update or delete in a relational database using MyBatis
Nagios	Sending passive checks to Nagios using JSendNSCA
Netty	Working with TCP and UDP protocols using Java NIO based capabilities offered by the Netty project
Netty HTTP	Netty HTTP server and client using the Netty project
NMR	Integration with the Normalized Message Router BUS in ServiceMix 4.x
Openshift	To manage your Openshift applications.
OptaPlanner	Solves the planning problem contained in a message with OptaPlanner.
Pax-Logging	Receiving Pax-Logging events in OSGi
POP3	Receiving email using POP3 and JavaMail
POP3S	...
Printer	The printer component facilitates creation of printer endpoints to local, remote and wireless printers. The endpoints provide the ability to print camel directed payloads when utilized on camel routes.
Properties	The properties component facilitates using property placeholders directly in endpoint uri definitions.
Quartz	Provides a scheduled delivery of messages using the Quartz 1.x scheduler
Quartz2	Provides a scheduled delivery of messages using the Quartz 2.x scheduler
Quickfix	Implementation of the QuickFix for Java engine which allow to send/receive FIX messages
RabbitMQ	Component for integrating with RabbitMQ

RCode	Uses Rserve to integrate Camel with the statistics environment R
Ref	Component for lookup of existing endpoints bound in the Registry.
Rest	Component for consuming Restful resources supporting the Rest DSL and plugins to other Camel rest components.
Restlet	Component for consuming and producing Restful resources using Restlet
RMI	Working with RMI
RNC	Validates the payload of a message using RelaxNG Compact Syntax
RNG	Validates the payload of a message using RelaxNG
Routebox	Facilitates the creation of specialized endpoints that offer encapsulation and a strategy/map based indirection service to a collection of camel routes hosted in an automatically created or user injected camel context
RSS	Working with ROME for RSS integration, such as consuming an RSS feed.
Salesforce	To integrate with Salesforce
SAP NetWeaver	To integrate with SAP NetWeaver Gateway
Scalate	Uses the given Scalate template to transform the message
SEDA	Asynchronous call to another endpoint in the same Camel Context
SERVLET	For exposing services over HTTP through the servlet which is deployed into the Web container.
SFTP	Sending and receiving files over SFTP (FTP over SSH).
Sip	Publish/Subscribe communication capability using the Telecom SIP protocol. RFC3903 - Session Initiation Protocol (SIP) Extension for Event
SIPS	...
SJMS	A ground up implementation of a JMS client
Smooks	For working with EDI parsing using the Smooks library. This component is deprecated as Smooks now provides Camel integration out of the box
SMPP	To send and receive SMS using Short Messaging Service Center using the JSMPP library
SMPPS	...
SMTP	Sending email using SMTP and JavaMail
SMTPS	...
SNMP	Polling OID values and receiving traps using SNMP via SNMP4J library
Solr	Uses the Solrj client API to interface with an Apache Lucene Solr server
Spark-rest	For easily defining REST services endpoints using Spark REST Java library.
Splunk	For working with Splunk
Spring Event	Working with Spring ApplicationEvents
Spring LDAP	Camel wrapper for Spring LDAP
Spring Neo4j	Component for producing to Neo4j datastore using the Spring Data Neo4j

	library
Spring Redis	Component for consuming and producing from Redis key-value store Redis
Spring Web Services	Client-side support for accessing web services, and server-side support for creating your own contract-first web services using Spring Web Services
SpringBatch	To bridge Camel and Spring Batch
SpringIntegration	The bridge component of Camel and Spring Integration
SQL	Performing SQL queries using JDBC
SSH	For sending commands to a SSH server
StAX	Process messages through a SAX ContentHandler.
Stomp	For communicating with Stomp compliant message brokers, like Apache ActiveMQ or ActiveMQ Apollo
Stream	Read or write to an input/output/error/file stream rather like unix pipes
StringTemplate	Generates a response using a String Template
Stub	Allows you to stub out some physical middleware endpoint for easier testing or debugging
Test	Creates a Mock endpoint which expects to receive all the message bodies that could be polled from the given underlying endpoint
Timer	Used to generate message exchanges when a timer fires You can only consume events from this endpoint.
Twitter	A twitter endpoint
Validation	Validates the payload of a message using XML Schema and JAXP Validation
Velocity	Generates a response using an Apache Velocity template
Vertx	Working with the vertx event bus
VirtualBox	The VirtualBox component uses the webservice API that exposes VirtualBox functionality and consumes events generated by virtual machines.
VM	Asynchronous call to another endpoint in the same JVM
Weather	Polls the weather information from Open Weather Map
Websocket	Communicating with Websocket clients
XML Security	Used to sign and verify exchanges using the XML signature specification.
XMPP	Working with XMPP and Jabber
XQuery	Generates a response using an XQuery template
XSLT	Generates a response using an XSLT template
Yammer	Allows you to interact with the Yammer enterprise social network
ZeroMQ	The ZeroMQ component allows you to consumer or produce messages using ZeroMQ.
Zookeeper	Working with ZooKeeper cluster(s)