Apache Camel Components

Process messages through a Simple API for XML

Generates a response using an XQuery template.

Generates a response using a Extensible Stylesheet

Validates the payload of a message using XML

Schema and Java API for XML Processing (JAXP)

Language Transformations (XSLT) template.

(SAX) ContentHandler.

stax:(contentHandlerClassName|#myHandler)

validation:someLocalOrRemoteResourceE?<options>1

StAX / camel-stax

XSLT / camel-core

XQuery / camel-saxon

Validation / camel-core

xquery:someXQueryResource

xslt:templateName[?<options>]

Providing access to all of the Facebook APIs

Enables the most useful features of the Twitter

Allows you to interact with the Yammer enterprise

accessible using Facebook4J.

API by encapsulating Twitter4J.

social network.

Component / ArtifactId / URI

facebook://endpointL?<options>l

twitter://endpoint[?<options>]

yammer://function[?<options>]

Facebook / camel-facebook

Twitter / camel-twitter

Yammer / camel-yammer

Automating Tasks		ESB		LDAP		Persistence		Special support	
Component / ArtifactId / URI Timer / camel-core in org.apache.activemq	Description Used to generate message exchanges when a	Component / ArtifactId / URI JBI / servicemix-camel in org.apache.servicemix	Description	Component / ArtifactId / URI LDAP / camel-ldap	Description	Component / ArtifactId / URI CouchDB / camel-couchdb	Description	Component / ArtifactId / URI Cache / camel-cache	Description The cache component facilitates creation
timer:timerName[? <options>]</options>	timer fires. Events can only be consumed from this endpoint.	jbi:serviceNameE? <options>1</options>	For Java Business Integration (JBI) integration such as working with Apache ServiceMix.	ldap:hostNameE:portJE? <options>J</options>	Performing searches on Lightweight Directory Access Protocol (LDAP) servers.	<pre>couchdb:hostNameE:portl/databaseE?<options>l</options></pre>	To integrate with Apache CouchDB.	cache://cacheNameE? <options>1</options>	caching endpoints and processors using EHCac as the cache implementation.
<pre>Quartz/camel-quartz quartz://groupName/timerName[?<options>]</options></pre>	Provides a scheduled delivery of messages using the Quartz 1.x scheduler.	NMR / apache-servicemix-nmr in org.apache.servicemix.nmr nmr://serviceNameI? <options>l</options>	Integration with the Normalized Message Router bus in Apache ServiceMix.	<pre>Spring LDAP / camel-spring-ldap spring-ldap:springLdapTemplateBeanE?<options>I</options></pre>	Camel wrapper for Spring LDAP. Spring LDAP is a Java library for simplifying LDAP operations, based	Db4o/camel-db4o in camel-extra db4o://classNameE? <options>1</options>	For using a db4o datastore as a queue via the db4o (database for objects) library.	<pre>Geocoder / camel-geocoder geocoder: <address!latlng:latitude:longitude></address!latlng:latitude:longitude></pre>	Supports looking up geocoders for an address,
Quartz2 / camel-quartz2	Provides a scheduled delivery of messages	Vert.x / camel-vertx	Working with the Vert.x event bus.		on the pattern of Spring's JdbcTemplate.	EJB / camel-ejb	Uses the Bean Binding to bind message exchanges to Enterprise Java Beans (EJBs). It works like	Ē? <options>1</options>	reverse lookup geocoders from an address.
quartz2://groupName/timerName[? <options>]</options>	using the Quartz 2.x scheduler.	vertx:eventBusName	Working with the vertil event bus.	Component / ArtifactId / URI	Description	ejb:ejbNameE? <options>l</options>	the Bean component but just for accessing EJBs. Supports EJB 3.0 onwards.	<pre>Hazelcast / camel-hazelcast hazelcast://Ltypel:cacheNameL?<options>l</options></pre>	Hazelcast is a data grid supporting map, multima SEDA, queue, set, atomic number and simp clusters.
Amazon		Feeds		IMAP / camel-mail	Receiving email using Internet Message Access	HBase / camel-hbase	For reading/writing from/to an HBase store (Hadoop database).	<pre>RCode / camel-rcode in camel-extra rcode://hostNameE:portll/operationE?<options>ll</options></pre>	Uses Rserve to integrate Camel with the statistic
Component / ArtifactId / URI	Description	Component / ArtifactId / URI Atom / camel-atom	Description	<pre>imap://Eusername@lhostNameE:portlE?<options>l</options></pre> <pre>IMAPS / camel-mail</pre>	Protocol (IMAP).	hbase://table[? <options>] Hibernate / camel-hibernate in camel-extra</options>			Facilitates the creation of specialized endpoin
AWS-CW / camel-aws aws-ddb://tableNameE? <options>1</options>	For working with Amazon's CloudWatch (CW).	atom:atomUriE? <options>1</options>	Working with Apache Abdera for atom integration, such as consuming an atom feed.	<pre>imaps://Eusername@lhostNameE:portlE?<options>l</options></pre>	Receiving email using secured IMAP.	hibernate://entityName[? <options>]</options>	For using a database as a queue via the Hibernate library.	<pre>Routebox / camel-routebox routebox:routeBoxNameI?<options>]</options></pre>	that offer encapsulation and a strategy/m based indirection service to a collection of cam routes hosted in an automatically created or us
AWS-DDB / camel-aws aws-ddb://tableNameE? <options>1</options>	For working with Amazon's DynamoDB (DDB).	RSS / camel-rss rss:uri[? <options>]</options>	Working with ROME for Rich Site Summary (RSS) integration.	POP3/camel-mail pop3://Eusername@lhostName portlE? <options>l</options>	Receiving email using Post Office Protocol (POP3) and JavaMail.	<pre>iBATIS / camel-ibatis ibatis://statementNameE?<options>1</options></pre>	Performs a query, poll, insert, update or delete in a relational database using Apache iBATIS.	Weather / camel-weather	injected camel context.
AWS-SDB / camel-aws			•	POP3S / camel-mail		JDBC / camel-jdbc	For performing Java Database Connectivity	weather://name[? <options>]</options>	Polls the weather information from Open Weath Map.
aws-sdb://domainNameE? <options>l</options>	For working with Amazon's SimpleDB (SDB).	File I/O and Transfer		pop3s://Eusername@lhostName portlE? <options>l SMTP/camel-mail</options>	Receiving email using secured POP3 and JavaMail.	jdbc:dataSourceNameE? <options>l</options>	(JDBC) queries and operations.	Spring	
AWS-SES/camel-aws aws-ses://fromE? <options>1</options>	For working with Amazon's Simple Email Service (SES).	Component / ArtifactId / URI File / camel-core	Description	<pre>smtp://Eusername@lhostNameE:portlE?<options>l</options></pre>	Sending email using Simple Mail Transfer Protocol (SMTP) and JavaMail.	<pre>JPA / camel-jpa jpa://entityNameE?<options>1</options></pre>	For using a database as a queue via the Java Persistence API (JPA) specification for working with OpenJPA, Hibernate or TopLink.	Component / ArtifactId / URI	Description
AWS-SNS / camel-aws	For Messaging with Amazon's Simple	file://nameOfFileOrDirectoryE? <options>l</options>	Sending messages to a file or polling a file or directory.	<pre>SMTPS / camel-mail smtps://Eusername@lhostNameE:portlE?<options>l</options></pre>	Sending email using secured SMTP and JavaMail.	Krati / camel-krati		Spring Event / camel-spring spring-event: //default	Working with Spring Application Events.
<pre>aws-sns://topicNameE?<options>l</options></pre> AWS-SQS/camel-aws	Notification Service (SNS). For Messaging with Amazon's Simple Queue	<pre>Flatpack / camel-flatpack flatpack: Efixed I delim1: configFileE?<options>1</options></pre>	Processing fixed width or delimited files or messages using the FlatPack library.			krati://datastorePath[? <options>]</options>	For producing to or consuming to Krati datastores.	Spring Batch / camel-spring-batch	To bridge Camel and Spring Batch.
aws-sqs://queueName[? <options>]</options>	Service (SQS).	FTP / camel-ftp	Sending and receiving files over File Transfer	Maintenance and Monitoring		MongoDB / camel-mongodb	Interacts with MongoDB databases and collections. Offers producer endpoints to perform CRUD-	<pre>spring-batch: jobNameE?<options>1 Spring Integration / camel-spring-integration</options></pre>	
AWS-S3/camel-aws aws-s3://bucketNameE? <options>1</options>	For working with Amazon's Simple Storage Service (S3).	<pre>ftp:contextPathE?<options>] FTPS / camel-ftp</options></pre>	Protocol (FTP).	Component / ArtifactId / URI Browse / camel-core	Description Provides a simple BrowsableEndpoint which can be	mongodb:connectionBeanE? <options>1</options>	style operations and more against databases and collections, as well as consumer endpoints to listen on collections and dispatch objects to Camel routes.	<pre>spring-integration:defaultChannelNameE?<options>]</options></pre>	The bridge component of Camel and Sprin Integration.
Decise		<pre>ftps://Eusername@lhostNameE:portl/ directoryNameE?</pre>	Sending and receiving files over FTP Secure (TLS and SSL).	browse:someName	useful for testing, visualisation tools or debugging. The exchanges sent to the endpoint are all available to be browsed.	MyBatis/camel-mybatis mybatis://statementName[? <options>]</options>	Performs a query, poll, insert, update or delete in a relational database using MyBatis.	<pre>Spring Redis / camel-spring-redis spring-redis://hostName:port[?<options>]</options></pre>	Component for consuming and producing from Redis key-value store.
Component / ArtifactId / URI	Description	HDFS / camel-hdfs	For reading/writing from/to an Hadoop Distributed	ControlBus / camel-core	ControlBus EIP that allows to send messages to Endpoints for managing and monitoring your	SQL / camel-sql	Performing Structured Query Language (SQL)	Tomplatos	
Bean / camel-core	Uses the Bean Binding to bind message exchanges to beans in the Registry. Is also used	hdfs://hostNameE:portJE/pathJE? <options>J SCP/camel-jsch</options>	File System (HDFS) filesystem.	<pre>controlbus:commandE?<options>l</options></pre> <pre>JMX / camel-imx</pre>	Camel applications.	sql:queryCommandE? <options>1</options>	queries using JDBC.	Templates Component / ArtifactId / URI	Description
bean:beanName[? <options>]</options>	for exposing and invoking Plain Old Java Objects (POJOs).	<pre>scp://hostName[:port]/destination[?<options>]</options></pre>	Support for the scp protocol using the Client API of the Java Secure Channel (JSch) project.	jmx://platformE? <options>1</options>	For working with Java Management Extensions (JMX) notification listeners.	Spring Neo4j / camel-spring-neo4j in camel-extra spring-neo4j:http://hostNameE:port]/	Component for producing to Neo4j datastore using the Spring Data Neo4j library.	FreeMarker / camel-freemarker	Generates a response using a FreeMarke template.
Class / camel-core	Uses the Bean Binding to bind message exchanges to beans based on the class name.	SFTP/camel-ftp sftp://Eusername@lhostNameE:portl/	Sending and receiving files over FTP Secure (FTP	<pre>Log / camel-core log:loggingCategoryE?<options>1</options></pre>	Uses Jakarta Commons Logging to log the message exchange to some underlying logging	database[?options]	ano opining catalities i, tabilat, j	freemarker:templateNameE? <options>1 Mustache/camel-mustache</options>	Generates a response using a Mustache template
class:className[? <options>]</options>	Is also used for exposing and invoking POJOs. Used to refer to endpoints within a separate	directoryNameI? <options>l</options>	and SSH).	Nagios / camel-nagios	system like log4j. Sending passive checks to Nagios using	Platform Support		<pre>mustache:templateNameI?<options>]</options></pre>	, , , , , , , , , , , , , , , , , , , ,
<pre>Context / camel-context Econtext: lcamelContextId: localEndpointNameE?</pre>	CamelContext to provide a simple black box composition approach so that routes can be combined into a CamelContext and then used	Stream / camel-stream stream: <inloutlerr file header url>E?<options>1</options></inloutlerr file header url>	Read or write to an input/output/error/file stream rather like unix pipes.	nagios://hostNameE:portJE? <options>J</options>	JSendNSCA. Nagios supports IT Infrastruture Monitoring.	Component / ArtifactId / URI	Description	<pre>MVEL / camel-mvel mvel:templateName[?<options>]</options></pre>	Generates a response using an MVFLE Expression Language (MVEL) template.
<pre><options>1</options></pre>	as a black box component inside other routes in other CamelContext.	Google		<pre>SNMP/camel-snmp snmp://hostNameE:portJE?<options>J</options></pre>	Polling OID values and receiving traps using SNMP via SNMP4J library.	Activiti/activiti-camel activiti:camelProcess:serviceTask	For working with Activiti, a light-weight workflow and Business Process Management (BPM)	Scalate / scalate-camel in org.fusesource.scalate	Generates a response using a Scalate template.
Data Format / camel-core	For working with Data Formats as if it was a regular Component supporting Endpoints and URIs.	Component / ArtifactId / URI	Description	Messaging		APNS / camel-apns	platform which supports BPMN 2.	StringTemplate / camel-stringtemplate	Generates a response using a String Template.
<pre>dataformat:name:<marshal unmarshal>E?<options>]</options></marshal unmarshal></pre> <pre>Exec / camel-exec</pre>		GAuth / camel-gae	Used by web applications to implement an OAuth consumer.	Component / ArtifactId / URI	Description	apns: <notify consumer>[?<options>]</options></notify consumer>	For sending notifications to Apple iOS devices.	string-template:templateName[? <options>]</options>	Generates a response using a string reinptate.
exec://executable[? <options>]</options>	For executing system commands.	ghttp:contextPathE? <options>1 GHttp/camel-gae</options>	Provides connectivity to the URL fetch service of	AMQP/camel-amqp amqp:Equeue: topic:ldestinationNameE? <options>l</options>	For Messaging with the Advanced Message Queuing Protocol (AMQP).	Salesforce / camel-salesforce salesforce:topic [? <options>]</options>	To integrate with Salesforce.	Testing	
<pre>Language / camel-core language://languageNameE:script]E?<options>]</options></pre>	Executes Languages scripts.	ghttp:contextPath[? <options>]</options>	Google App Engine but can also be used to receive messages from servlets.	Esper / camel-esper in camel-extra	Working with the Esper Library for Event Stream	SAP NetWeaver / camel-sap-netweaver		Component / ArtifactId / URI	Description
Printer / camel-printer	Facilitates creation of printer endpoints to local, remote and wireless printers. The endpoints	<pre>GLogin/camel-gae glogin://hostNameE:portJE?<options>J</options></pre>	Used by Camel applications outside Google App Engine (GAE) for programmatic login to GAE applications.	esper:name[? <options>]</options>	Processing.	<pre>sap-netweaver:hostNameE:portIE?<options>I</options></pre>	To integrate with SAP NetWeaver Gateway.	<pre>DataSet / camel-core dataset:name[?<options>]</options></pre>	For load and soak testing, the DataSet provide a way to create huge numbers of messages fo sending to components or asserting that they ar
<pre>lpr://hostNameE:port]/printerPathE?<options>]</options></pre>	provide the ability to print camel directed payloads when utilized on camel routes.	GTask / camel-gae	Supports asynchronous message processing on Google App Engine by using the task queueing	<pre>JavaSpace / camel-javaspace javaspace: jini://hostNameE?<options>1</options></pre>	Sending and receiving messages through JavaSpace.	Remote Services		Mock / camel-core	consumed correctly.
<pre>Properties / camel-core properties: //key[?<options>]</options></pre>	Facilitates using property placeholders directly in endpoint URI definitions.	<pre>gtask://queueNameI?<options>] GMail/camel-gae</options></pre>	service as message queue.	JT/400 / camel-jt400	For integrating with data queues on an AS/400 (i.e., System i, IBM i, i5, etc.) systems.	Component / ArtifactId / URI	Description	<pre>mock:nameE?<options>l</options></pre>	For testing routes and mediation rules using mock
Ref / camel-core	Component for lookup of existing endpoints	gmail://user@gEooglelmail.comE? <options>l</options>	Supports sending of emails via the mail service of Google App Engine.	<pre>jt400://user:pwd@system/<path_to_ dtaq="">E?<options>]</options></path_to_></pre>	System i, IBM i, i5, etc.) systems.	Avro/camel-avro avro:[transport]:[hostName]:[port][/	Working with Apache Avro for data serialization.	Stub/camel-core stub:someOtherCamelUriE? <options>1</options>	Allows you to stub out some physical middlewar endpoint for easier testing or debugging.
ref:name	bound in the Registry.	Guava EventBus / camel-guava-eventbus	The Google Guava EventBus allows publish- subscribe style communication between	<pre>Kestrel / camel-kestrel kestrel://Eaddresslist/lqueueNameE?<options>l</options></pre>	For producing to or consuming from Kestrel queues.	messageNameII[? <options>]</options>	Working With Apache Avio for data serialization.	Test / camel-spring	Creates a Mock endpoint which expects to receiv all the message bodies that could be polled from
Chat		guava-eventbus:busNameL? <options>1</options>	components without requiring the components to explicitly register with one another.	MQTT / camel-mqtt	Component for communicating with MQ Telemetry Transport (MQTT) machine-to-machine (M2M)	Jclouds/camel-jclouds jclouds: <blobstore compute="">:[provider id]</blobstore>	For interacting with cloud compute & blobstore service via Jclouds.	test:expectedMessagesEndpointUriE? <options>1</options>	the given underlying endpoint.
Component / ArtifactId / URI IRC / camel-irc	Description	HTTP	B	<pre>mqtt:nameE?<options>]</options></pre> <pre>SIP / camel-sip</pre>	message brokers.	<pre>I?<options>] JCIFS / camel-jcifs in camel-extra</options></pre>	This component provides access to remote file	Web Services	
<pre>irc:Elogin@lhostNameE:portl/#roomE?<options>l</options></pre>	For Internet Relay Chat (IRC) communication.	Component / ArtifactId / URI AHC / camel-ahc	Description	sip://user@hostNameE:portJE? <options>l</options>	Publish/Subscribe communication capability using the Session Initiation Protocol (SIP) protocol.	<pre>smb://userName@hostName/shareName[?<options>]</options></pre>	systems over the CIFS/SMB networking protocol by using the JCIFS library.	Component / ArtifactId / URI CXF / camel-cxf	Description Working with Apache CXF for web service
<pre>XMPP/camel-xmpp xmpp://Elogin@lhostnameE:portlE/participantl</pre>	Working with the Extensible Messaging and Presence Protocol (XMPP).	<pre>ahc:http[s]://hostName[:port][/resourceUri] [?<options>]</options></pre>	To call external HTTP services using Async Http Client.	SIPS / camel-sip sips://user@hostNameE:portJE? <options>J</options>	Publish/Subscribe communication capability using the secured Session Initiation Protocol (SIP)	<pre>RMI/camel-rmi rmi://hostNameE:portlE?<options>l</options></pre>	Working with Remote Method Invocation (RMI).	cxf: <bean:cxfendpointi someaddress="">E?<options>I</options></bean:cxfendpointi>	integration.
<pre>[?<options>]</options></pre>	Tresence Protocot (APII P).	<pre>Cometd / camel-cometd cometd://hostName:port/</pre>	HTTP-based event routing bus used to deliver	SMPP / camel-smpp	To send and receive SMS using Short Messaging	SSH component / camel-ssh		<pre>CXF Bean / camel-cxf cxfbean:serviceBeanRef [?<options>]</options></pre>	Proceess the exchange using a JAX-WS or JAX-R annotated bean from the registry.
Clusters		channelName[? <options>]</options>	messages using the Jetty Cometd implementation of the Bayeux Protocol.	<pre>smpp://Eusername@lhostNameE:portlE?<options>l SMPPS/camel-smpp</options></pre>		<pre>ssh: LusernameL:passwordl@lhostNameL:portl L?<options>l</options></pre>	For sending commands to a SSH server.	<pre>CXFRS / camel-cxf cxfrs:<bean:rsendpointi someaddress="">E?<options>1</options></bean:rsendpointi></pre>	Working with Apache CXF for RESTful service
Component / ArtifactId / URI JGroups / camel-jgroups in camel-extra	Description	http:hostNameE:portJE/resourceUriJ	For calling out to external HTTP servers using Apache HTTP Client 3.x.	<pre>smpps://Eusername@lhostNameE:portlE?<options>l</options></pre>	To send and receive secured SMS using Short Messaging Service Center using the JSMPP library.	Soarch Engines		Restlet / camel-restlet	Component for consuming and producing Restfu
jgroups:clusterNameI?optionsI	Provides exchange of messages between Camel infrastructure and JGroups clusters.	[? <options>]</options>	Apache III II odelico.x.	<pre>Quickfix / camel-quickfix quickfix:configFileE?<options>1</options></pre>	Implementation of the QuickFix for Java engine which allows to send/receive FIX messages.	Search Engines Component / ArtifactId / URI	Description	restlet:restletUrl[? <options>]</options>	resources using Restlet.
<pre>ZooKeeper / camel-zookeeper zookeeper://zookeeperServer[:port][/path]</pre>	Working with ZooKeeper clusters.	http4:hostNameE:portJE/resourceUriJ	For calling out to external HTTP servers using Apache HTTP Client 4.x.			ElasticSearch / camel-elasticsearch	For interfacing with an ElasticSearch server.	<pre>Spring Web Services / camel-spring-ws spring-ws: Emapping-type: IsomeAddress E?</pre>	Client-side support for accessing web services and server-side support for creating your ow contract-first web services using Spring We
[? <options>]</options>		<pre>L?<options>l</options></pre> Jetty / camel-jetty		Networking Component / ArtifactId / URI	Description	elasticsearch://clusterName[? <options>] Lucene/camel-lucene</options>	Uses Apache Lucene to perform Java-based	Websocket / camel-websocket	Services.
Content Repositories		<pre>jetty:hostNameE:portJE/resourceUriJ E?<options>J</options></pre>	For exposing services over HTTP.	DNS / camel-dns	To lookup domain information and run Domain	lucene:searcherName: <insert query>[?<options>]</options></insert query>	indexing and full text based searches using advanced analysis/tokenization capabilities.	<pre>websocket://hostNameE:port]E/resourceUri] E?<options>]</options></pre>	Communicating with Websocket clients.
Component / ArtifactId / URI CMIS / camel-cmis	Description Uses the Apache Chemistry client API	Servlet / camel-servlet	For exposing services over HTTP through the Servlet which is deployed into the Web container.	<pre>dns:operation[?<options>] HL7/camel-hl7</options></pre>	Name System (DNS) queries using DNSJava.	Solr / camel-solr	Uses the Solrj client API to interface with an	YMI	
cmis://cmisServerUrl[? <options>]</options>	to interface with Content Management Interoperability Services (CMIS).	servlet:relativePath[? <options>]</options>	Servlet which is deployed into the Web container.	mina2:tcp://hostNameE:port][? <options>]</options>	For working with the HL7 MLLP protocol and the HL7 model using the HAPI library.	<pre>solr://hostNameE:portl/solrE?<options>l</options></pre>	Apache Lucene Solr server.	Component / ArtifactId / URI	Description
JCR/camel-jcr jcr://user:password@repository/path/to/	Storing a message in a Java Content Repository (JCR) compliant repository like Apache	Java Message Service		MINA / camel-mina	Working with Apache Multipurpose Infrastructure for Network Applications (MINA) 1.x. Transmission	Security		Bean Validation / camel-bean-validator	Validates the payload of a message using the Jav Validation API (JSR 303). Hibernate Validator
node[? <options>]</options>	Jackrabbit.	Component / ArtifactId / URI	Description	mina: <tcp!udp!vm>:hostNameE:portJE?<options>J</options></tcp!udp!vm>	Control Protocol (TCP), User Datagram Protocol (UDP) and Virtual Machine (VM) protocol are supported.	Component / ArtifactId / URI	Description	bean-validator:something <pre>E?<options>I</options></pre> FOP / camel-fop	the reference implementation. Renders the message into different output format
Endpoint Communications		ActiveMQ / activemq-camel in org.apache.activemq activemq: Etopic: IdestinationName	For JMS Messaging with Apache ActiveMQ.	MINA2 / camel-mina2	Working with Apache MINA 2.x. Transmission	Crypto (Digital Signatures) / camel-crypto	Used to sign and verify exchanges using the Signature Service of the Java Cryptographic	<pre>fop:outputFormat[?<options>]</options></pre>	using Formatting Objects Processor (FOP), which is driven by XSL formatting objects (XSL-FO).
Component / ArtifactId / URI Direct / camel-core	Description	ActiveMQ Journal / activemq-core activemq.journal:directoryNameI? <options>1</options>	Uses ActiveMQ's fast disk journaling implementation to store message bodies in a	mina2: <tcp!udp!vm>:hostNameE:portlE?<options>l</options></tcp!udp!vm>	Control Protocol (TCP), User Datagram Protocol (UDP) and Virtual Machine (VM) protocol are supported.	<pre>crypto:<signlverify>:nameE?<options>1</options></signlverify></pre>	Extension.	<pre>MSV / camel-msv msv:someLocalOrRemoteResourceI?<options>1</options></pre>	Validates the payload of a message using the MS Library.
<pre>direct:someNameE?<options>1</options></pre>	Synchronous call to another endpoint from same CamelContext.	JMS / camel-jms	rolling log file.	Netty / camel-netty	Working with TCP and UDP protocols using Java	<pre>XML Security / camel-xmlsecurity xmlsecurity:<sign!verify>:nameE?<options>1</options></sign!verify></pre>	Used to sign and verify exchanges using the XML signature specification.	RNC / camel-jing	Validates the payload of a message using RelaxN
<pre>Direct-VM / camel-core direct-vm:someName[?<options>]</options></pre>	Synchronous call to another endpoint in another CamelContext running in the same Java virtual	<pre>jms:Equeue:Itopic:] destinationNameE?<options>]</options></pre>	Working with JMS provider.	netty: <tcp!udp>//hostNameE:portJE?<options>J</options></tcp!udp>	NIO based capabilities offered by the Netty project.	J 2. J		<pre>rnc:/relative@rAbsoluteUri[?<options>] RNG/camel-jing</options></pre>	Compact Syntax.
Disruptor / camel-disruptor	machine (JVM). Provides asynchronous SEDA behavior much	RabbitMQ / camel-rabbitmq		<pre>Netty HTTP / camel-netty-http netty-http:Eportl/contextPathE?<options>l</options></pre>	Netty HTTP server and client using the Netty project.	Social Media		rng:/relative0rAbsoluteUri[? <options>]</options>	Validates the payload of a message using RelaxN0
	as the standard SEDA Component, but utilizes a	rabbitmq://hostName[:port]/	For JMS Messaging with RabbitMQ.			Commonant / Antifortid / UDI	D	StAY / camplestay	

ZeroMQ / camel-zeromq in camel-extra.

sjms:Equeue:Itopic:IdestinationNameE?<options>I JMS client.

stomp:queue:destinationNameE?<options>1

zeromq:<tcplipc>://hostName:port[?<options>]

exchangeNameE?<options>1

For JMS Messaging with ZeroMQ.

From the ground upwards implementation of a

For communicating with Stomp compliant

message brokers, like Apache ActiveMQ or

as the standard SEDA Component, but utilizes a

Same as Disruptor, but the buffers of the

Disrupter VM endpoints also provide support

for communication across CamelContexts

instances so you can use this mechanism to

Asynchronous call to another endpoint in the

same Camel Context; staged event-driven

Asynchronous call to another endpoint in the

Disruptor instead of a BlockingQueue.

communicate across web applications.

architecture (SEDA).

Disruptor VM / camel-disruptor

seda:someName[?<options>]

vm:queueNameE?<options>l

SEDA / camel-core

VM / camel-core

disruptor:someName[?<option>]

disruptor-vm:someNameE?<option>l

Gliesian, LLC **Apache Camel 2.12.1 and external components** http://camel.apache.org/components.html

Description

Receiving OSGi EventAdmin events.

Receiving Pax-Logging events in OSGi.

Component / ArtifactId / URI

EventAdmin / camel-eventadmin

Pax Logging / camel-paxlogging

paxlogging:appender

eventadmin:topic [?<options>]