

git_comments:

1. logging
2. * * gRPC (camel-grpc) * The gRPC component allows to call and expose remote procedures via HTTP/2 * with protobuf dataformat * * Category: rpc * Since: 2.19 * Maven coordinates: org.apache.camel:camel-grpc * * Syntax: `<code>grpc:host:port/service</code>` * * Path parameter: host (required) * The gRPC server host name. This is localhost or 0.0.0.0 when being a * consumer or remote server host name when using producer. * * Path parameter: port (required) * The gRPC local or remote server port * * Path parameter: service (required) * Fully qualified service name from the protocol buffer descriptor file * (package dot service definition name)
3. * * Javax Websocket (camel-websocket-jsr356) * Camel WebSocket using JSR356 (javax) * * Category: http * Since: 2.23 * Maven coordinates: org.apache.camel:camel-websocket-jsr356 * * Syntax: `<code>websocket-jsr356:uri</code>` * * Path parameter: uri * If a schemeless URI path is provided, a ServerEndpoint is deployed under * that path. Else if the URI is prefixed with the 'ws://' scheme, then a * connection is established to the corresponding server
4. * * Data Format (camel-dataformat) * The dataformat component is used for working with Data Formats as if it * was a regular Component supporting Endpoints and URIs. * * Category: core,transformation * Since: 2.12 * Maven coordinates: org.apache.camel:camel-dataformat * * Syntax: `<code>dataformat:name:operation</code>` * * Path parameter: name (required) * Name of data format * * Path parameter: operation (required) * Operation to use either marshal or unmarshal * The value can be one of: marshal, unmarshal
5. * * Kafka (camel-kafka) * The kafka component allows messages to be sent to (or consumed from) * Apache Kafka brokers. * * Category: messaging * Since: 2.13 * Maven coordinates: org.apache.camel:camel-kafka * * Syntax: `<code>kafka:topic</code>` * * Path parameter: topic (required) * Name of the topic to use. On the consumer you can use comma to separate * multiple topics. A producer can only send a message to a single topic.
6. * * JDBC (camel-jdbc) * The jdbc component enables you to access databases through JDBC, where * SQL queries are sent in the message body. * * Category: database,sql * Since: 1.2 * Maven coordinates: org.apache.camel:camel-jdbc * * Syntax: `<code>jdbc:dataSourceName</code>` * * Path parameter: dataSourceName (required) * Name of DataSource to lookup in the Registry. If the name is dataSource * or default, then Camel will attempt to lookup a default DataSource from * the registry, meaning if there is a only one instance of DataSource * found, then this DataSource will be used.
7. * * Hazelcast Ringbuffer (camel-hazelcast) * The hazelcast-ringbuffer component is used to access Hazelcast * distributed ringbuffer. * * Category: cache,datagrid * Since: 2.16 * Maven coordinates: org.apache.camel:camel-hazelcast * * Syntax: `<code>hazelcast-ringbuffer:cacheName</code>` * * Path parameter: cacheName (required) * The name of the cache
8. * * Kubernetes Job (camel-kubernetes) * The Kubernetes Jobs component provides a producer to execute kubernetes * job operations * * Category: container,cloud,paas * Since: 2.23 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>kubernetes-job:masterUrl</code>` * * Path parameter: masterUrl (required) * Kubernetes Master url
9. * * Stub (camel-stub) * The stub component provides a simple way to stub out any physical * endpoints while in development or testing. * * Category: core,testing * Since: 2.10 * Maven coordinates: org.apache.camel:camel-stub * * Syntax: `<code>stub:name</code>` * * Path parameter: name (required) * Name of queue
10. * * Undertow (camel-undertow) * The undertow component provides HTTP and WebSocket based endpoints for * consuming and producing HTTP/WebSocket requests. * * Category: http,websocket * Since: 2.16 * Maven coordinates: org.apache.camel:camel-undertow * * Syntax: `<code>undertow:httpURI</code>` * * Path parameter: httpURI (required) * The url of the HTTP endpoint to use.
11. * * Validator (camel-validator) * Validates the payload of a message using XML Schema and JAXP Validation. * * Category: core,validation * Since: 1.1 * Maven coordinates: org.apache.camel:camel-validator * * Syntax: `<code>validator:resourceUri</code>` * * Path parameter: resourceUri (required) * URL to a local resource on the classpath,or a reference to lookup a bean * in the Registry, or a full URL to a remote resource or resource on the * file system which contains the XSD to validate against.
12. * * Caffeine Cache (camel-caffeine) * The caffeine-cache component is used for integration with Caffeine Cache. * * Category: cache,datagrid,clustering * Since: 2.20 * Maven coordinates:

- org.apache.camel:camel-caffeine * * Syntax: `<code>caffeine-cache:cacheName</code>` * * Path parameter: cacheName (required) * the cache name
13. * * CM SMS Gateway (camel-cm-sms) * The cm-sms component allows to integrate with CM SMS Gateway. * * Category: mobile * Since: 2.18 * Maven coordinates: org.apache.camel:camel-cm-sms * * Syntax: `<code>cm-sms:host</code>` * * Path parameter: host (required) * SMS Provider HOST with scheme
14. * * XQuery (camel-saxon) * Transforms the message using a XQuery template using Saxon. * * Category: transformation * Since: 1.0 * Maven coordinates: org.apache.camel:camel-saxon * * Syntax: `<code>xquery:resourceUri</code>` * * Path parameter: resourceUri (required) * The name of the template to load from classpath or file system
15. * * HBase (camel-hbase) * For reading/writing from/to an HBase store (Hadoop database). * * Category: hadoop * Since: 2.10 * Maven coordinates: org.apache.camel:camel-hbase * * Syntax: `<code>hbase:tableName</code>` * * Path parameter: tableName (required) * The name of the table
16. * * HTTP (camel-http) * For calling out to external HTTP servers using Apache HTTP Client 4.x. * * Category: http * Since: 2.3 * Maven coordinates: org.apache.camel:camel-http * * Syntax: `<code>http:httpUri</code>` * * Path parameter: httpUri (required) * The url of the HTTP endpoint to call.
17. * * Mock (camel-mock) * The mock component is used for testing routes and mediation rules using * mocks. * * Category: core,testing * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mock * * Syntax: `<code>mock:name</code>` * * Path parameter: name (required) * Name of mock endpoint
18. * * Atomix Set (camel-atomix) * The atomix-set component is used to access Atomix's distributed set. * * Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix * * Syntax: `<code>atomix-set:resourceName</code>` * * Path parameter: resourceName (required) * The distributed resource name
19. * * OPC UA Client (camel-milo) * Connect to OPC UA servers using the binary protocol for acquiring * telemetry data * * Category: iot * Since: 2.19 * Maven coordinates: org.apache.camel:camel-milo * * Syntax: `<code>milo-client:endpointUri</code>` * * Path parameter: endpointUri (required) * The OPC UA server endpoint
20. * * AWS SimpleDB (camel-aws-sdb) * The aws-sdb component is for storing and retrieving data from/to Amazon's * SDB service. * * Category: cloud,database,nosql * Since: 2.9 * Maven coordinates: org.apache.camel:camel-aws-sdb * * Syntax: `<code>aws-sdb:domainName</code>` * * Path parameter: domainName (required) * The name of the domain currently worked with.
21. * * Ignite Compute (camel-ignite) * The Ignite Compute endpoint is one of camel-ignite endpoints which allows * you to run compute operations on the cluster by passing in an * IgniteCallable, an IgniteRunnable, an IgniteClosure, or collections of * them, along with their parameters if necessary. * * Category: nosql,cache,compute * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite * * Syntax: `<code>ignite-compute:endpointId</code>` * * Path parameter: endpointId (required) * The endpoint ID (not used).
22. * * Hazelcast Topic (camel-hazelcast) * The hazelcast-topic component is used to access Hazelcast distributed * topic. * * Category: cache,datagrid * Since: 2.15 * Maven coordinates: org.apache.camel:camel-hazelcast * * Syntax: `<code>hazelcast-topic:cacheName</code>` * * Path parameter: cacheName (required) * The name of the cache
23. * * Jetty (camel-jetty) * To use Jetty as a HTTP server as consumer for Camel routes. * * Category: http * Since: 1.2 * Maven coordinates: org.apache.camel:camel-jetty * * Syntax: `<code>jetty:httpUri</code>` * * Path parameter: httpUri (required) * The url of the HTTP endpoint to call.
24. * * SMPP (camel-smpp) * To send and receive SMS using a SMSC (Short Message Service Center). * * Category: mobile * Since: 2.2 * Maven coordinates: org.apache.camel:camel-smpp
25. * * ServiceNow (camel-servicenow) * The servicenow component is used to integrate Camel with ServiceNow cloud * services. * * Category: api,cloud,management * Since: 2.18 * Maven coordinates: org.apache.camel:camel-servicenow * * Syntax: `<code>servicenow:instanceName</code>` * * Path parameter: instanceName (required) * The ServiceNow instance name
26. * * SAP NetWeaver (camel-sap-netweaver) * The sap-netweaver component integrates with the SAP NetWeaver Gateway * using HTTP transports. * * Category: sap * Since: 2.12 * Maven coordinates: org.apache.camel:camel-sap-netweaver * * Syntax: `<code>sap-netweaver:url</code>` * * Path parameter: url (required) * Url to the SAP net-weaver gateway server.
27. * * REST (camel-rest) * The rest component is used for either hosting REST services (consumer) or * calling external REST services (producer). * * Category: core,rest * Since: 2.14 * Maven coordinates: org.apache.camel:camel-rest * * Syntax: `<code>rest:method:path:uriTemplate</code>` * * Path parameter: method (required) * HTTP method to use. * The value can be one of: get, post, put, delete,

- patch, head, trace, * connect, options ** Path parameter: path (required) * The base path ** Path parameter: uriTemplate * The uri template
28. ** Soroush (camel-soroush) * To integrate with the Soroush chat bot. ** Category: chat * Since: 3.0 * Maven coordinates: org.apache.camel:camel-soroush ** Syntax: `<code>soroush:action</code>` ** Path parameter: action (required) * The action to do. * The value can be one of: sendMessage, getMessage, uploadFile, * downloadFile
 29. ** SQL Stored Procedure (camel-sql) * The sql component allows you to work with databases using JDBC Stored * Procedure queries. ** Category: database,sql * Since: 2.17 * Maven coordinates: org.apache.camel:camel-sql ** Syntax: `<code>sql-stored:template</code>` ** Path parameter: template (required) * Sets the StoredProcedure template to perform
 30. ** Freemarker (camel-freemarker) * Transforms the message using a FreeMarker template. ** Category: transformation * Since: 2.10 * Maven coordinates: org.apache.camel:camel-freemarker ** Syntax: `<code>freemarker:resourceUri</code>` ** Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
 31. ** Hazelcast Multimap (camel-hazelcast) * The hazelcast-multimap component is used to to access Hazelcast * distributed multimap. ** Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast ** Syntax: `<code>hazelcast-multimap:cacheName</code>` ** Path parameter: cacheName (required) * The name of the cache
 32. ** Hazelcast Instance (camel-hazelcast) * The hazelcast-instance component is used to consume join/leave events of * the cache instance in the cluster. ** Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast ** Syntax: `<code>hazelcast-instance:cacheName</code>` ** Path parameter: cacheName (required) * The name of the cache
 33. ** Disruptor (camel-disruptor) * The disruptor component provides asynchronous SEDA behavior using LMAX * Disruptor. ** Category: endpoint * Since: 2.12 * Maven coordinates: org.apache.camel:camel-disruptor ** Syntax: `<code>disruptor:name</code>` ** Path parameter: name (required) * Name of queue
 34. ** MSV (camel-msv) * Validates the payload of a message using the MSV Library. ** Category: validation * Since: 1.1 * Maven coordinates: org.apache.camel:camel-msv ** Syntax: `<code>msv:resourceUri</code>` ** Path parameter: resourceUri (required) * URL to a local resource on the classpath,or a reference to lookup a bean * in the Registry, or a full URL to a remote resource or resource on the * file system which contains the XSD to validate against.
 35. ** IEC 60870 Client (camel-iec60870) * IEC 60870 component used for telecontrol (supervisory control and data * acquisition) such as controlling electric power transmission grids and * other geographically widespread control systems. ** Category: iot * Since: 2.20 * Maven coordinates: org.apache.camel:camel-iec60870 ** Syntax: `<code>iec60870-client:uriPath</code>` ** Path parameter: uriPath (required) * The object information address
 36. ** Kubernetes Resources Quota (camel-kubernetes) * The Kubernetes Resources Quota component provides a producer to execute * kubernetes resources quota operations. ** Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `<code>kubernetes-resources-quota:masterUrl</code>` ** Path parameter: masterUrl (required) * Kubernetes Master url
 37. ** JBPM (camel-jbpm) * The jbpm component provides integration with jBPM (Business Process * Management). ** Category: process * Since: 2.6 * Maven coordinates: org.apache.camel:camel-jbpm ** Syntax: `<code>jbpm:connectionURL</code>` ** Path parameter: connectionURL (required) * The URL to the jBPM server. ** Path parameter: eventListenerType * Sets the event listener type to attach to
 38. ** OSGi PAX Logging (camel-paxlogging) * The paxlogging component can be used in an OSGi environment to receive * PaxLogging events and process them. ** Category: monitoring * Since: 2.6 * Maven coordinates: org.apache.camel:camel-paxlogging ** Syntax: `<code>paxlogging:appender</code>` ** Path parameter: appender (required) * Appender is the name of the pax appender that need to be configured in * the PaxLogging service configuration.
 39. ** SQL (camel-sql) * The sql component allows you to work with databases using JDBC SQL * queries. ** Category: database,sql * Since: 1.4 * Maven coordinates: org.apache.camel:camel-sql ** Syntax: `<code>sql:query</code>` ** Path parameter: query (required) * Sets the SQL query to perform. You can externalize the query by using * file: or classpath: as prefix and specify the location of the file.
 40. ** Scheduler (camel-scheduler) * The scheduler component is used for generating message exchanges when a * scheduler fires. ** Category: core,scheduling * Since: 2.15 * Maven coordinates:

- org.apache.camel:camel-scheduler * * Syntax: `<code>scheduler:name</code>` * * Path parameter: name (required) * The name of the scheduler
41. * * Netty HTTP (camel-netty-http) * Netty HTTP server and client using the Netty 4.x library. * * Category: http * Since: 2.14 * Maven coordinates: org.apache.camel:camel-netty-http * * Syntax: `<code>netty-http:protocol:host:port/path</code>` * * Path parameter: protocol (required) * The protocol to use which is either http, https or proxy - a consumer * only option. * The value can be one of: http, https * * Path parameter: host (required) * The local hostname such as localhost, or 0.0.0.0 when being a consumer. * The remote HTTP server hostname when using producer. * * Path parameter: port * The host port number * * Path parameter: path * Resource path
42. * * HTTP (camel-http) * For calling out to external HTTP servers using Apache HTTP Client 4.x. * * Category: http * Since: 2.3 * Maven coordinates: org.apache.camel:camel-http
43. * * Salesforce (camel-salesforce) * The salesforce component is used for integrating Camel with the massive * Salesforce API. * * Category: api,cloud,crm * Since: 2.12 * Maven coordinates: org.apache.camel:camel-salesforce * * Syntax: `<code>salesforce:operationName:topicName</code>` * * Path parameter: operationName * The operation to use * The value can be one of: getVersions, getResources, getGlobalObjects, * getBasicInfo, getDescription, getObject, createObject, updateObject, * deleteObject, getObjectWithId, upsertObject, deleteObjectWithId, * getBlobField, query, queryMore, queryAll, search, apexCall, recent, * createJob, getJob, closeJob, abortJob, createBatch, getBatch, * getAllBatches, getRequest, getResults, createBatchQuery, * getQueryResultIds, getQueryResult, getRecentReports, * getReportDescription, executeSyncReport, executeAsyncReport, * getReportInstances, getReportResults, limits, approval, approvals, * composite-tree, composite-batch, composite * * Path parameter: topicName * The name of the topic/channel to use
44. * * Drill (camel-drill) * The drill component gives you the ability to quering into apache drill * cluster. * * Category: database,sql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-drill * * Syntax: `<code>drill:host</code>` * * Path parameter: host (required) * ZooKeeper host name or IP address. Use local instead of a host name or IP * address to connect to the local Drillbit
45. * * JCache (camel-jcache) * The jcache component enables you to perform caching operations using JSR107/JCache as cache implementation. * * Category: cache,datagrid,clustering * Since: 2.17 * Maven coordinates: org.apache.camel:camel-jcache * * Syntax: `<code>jcache:cacheName</code>` * * Path parameter: cacheName (required) * The name of the cache
46. * * XSLT Saxon (camel-xslt-saxon) * Transforms the message using a XSLT template using Saxon. * * Category: core,transformation * Since: 3.0 * Maven coordinates: org.apache.camel:camel-xslt-saxon * * Syntax: `<code>xslt-saxon:resourceUri</code>` * * Path parameter: resourceUri (required) * Path to the template. The following is supported by the default * URIResolver. You can prefix with: classpath, file, http, ref, or bean. * classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod
47. * * Crypto (JCE) (camel-crypto) * The crypto component is used for signing and verifying exchanges using * the Signature Service of the Java Cryptographic Extension (JCE). * * Category: security,transformation * Since: 2.3 * Maven coordinates: org.apache.camel:camel-crypto * * Syntax: `<code>crypto:cryptoOperation:name</code>` * * Path parameter: cryptoOperation (required) * Set the Crypto operation from that supplied after the crypto scheme in * the endpoint uri e.g. crypto:sign sets sign as the operation. * The value can be one of: sign, verify * * Path parameter: name (required) * The logical name of this operation.
48. * * Twilio (camel-twilio) * The Twilio component allows you to interact with the Twilio REST APIs * using Twilio Java SDK. * * Category: api,messaging,cloud * Since: 2.20 * Maven coordinates: org.apache.camel:camel-twilio * * Syntax: `<code>twilio:apiName/methodName</code>` * * Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: ACCOUNT, ADDRESS, APPLICATION, * AVAILABLE_PHONE_NUMBER_COUNTRY, CALL, CONFERENCE, CONNECT_APP, * INCOMING_PHONE_NUMBER, KEY, MESSAGE, NEW_KEY, NEW_SIGNING_KEY, * NOTIFICATION, OUTGOING_CALLER_ID, QUEUE, RECORDING, SHORT_CODE, * SIGNING_KEY, TOKEN, TRANSCRIPTION, VALIDATION_REQUEST, * ADDRESS_DEPENDENT_PHONE_NUMBER, AVAILABLE_PHONE_NUMBER_COUNTRY_LOCAL, * AVAILABLE_PHONE_NUMBER_COUNTRY_MOBILE, * AVAILABLE_PHONE_NUMBER_COUNTRY_TOLL_FREE, CALL_FEEDBACK, * CALL_FEEDBACK_SUMMARY, CALL_NOTIFICATION, CALL_RECORDING, * CONFERENCE_PARTICIPANT, INCOMING_PHONE_NUMBER_LOCAL, * INCOMING_PHONE_NUMBER_MOBILE, INCOMING_PHONE_NUMBER_TOLL_FREE, *

- MESSAGE_FEEDBACK, MESSAGE_MEDIA, QUEUE_MEMBER, RECORDING_ADD_ON_RESULT, * RECORDING_TRANSCRIPTION, RECORDING_ADD_ON_RESULT_PAYLOAD, * SIP_CREDENTIAL_LIST, SIP_DOMAIN, SIP_IP_ACCESS_CONTROL_LIST, * SIP_CREDENTIAL_LIST_CREDENTIAL, SIP_DOMAIN_CREDENTIAL_LIST_MAPPING, * SIP_DOMAIN_IP_ACCESS_CONTROL_LIST_MAPPING, * SIP_IP_ACCESS_CONTROL_LIST_IP_ADDRESS, USAGE_RECORD, USAGE_TRIGGER, * USAGE_RECORD_ALL_TIME, USAGE_RECORD_DAILY, USAGE_RECORD_LAST_MONTH, * USAGE_RECORD_MONTHLY, USAGE_RECORD_THIS_MONTH, USAGE_RECORD_TODAY, * USAGE_RECORD_YEARLY, USAGE_RECORD_YESTERDAY * * Path parameter: methodName (required) * What sub operation to use for the selected operation * The value can be one of: create, delete, fetch, read, update
49. * * Bean (camel-bean) * The bean component is for invoking Java beans from Camel. * * Category: core,java * Since: 1.0 * Maven coordinates: org.apache.camel:camel-bean * * Syntax: `bean:beanName` * * Path parameter: beanName (required) * Sets the name of the bean to invoke
 50. * * REST API (camel-rest) * The rest-api component is used for providing Swagger API of the REST * services which has been defined using the rest-dsl in Camel. * * Category: core,rest * Since: 2.16 * Maven coordinates: org.apache.camel:camel-rest * * Syntax: `rest-api:path/contextIdPattern` * * Path parameter: path (required) * The base path * * Path parameter: contextIdPattern * Optional CamelContext id pattern to only allow Rest APIs from rest * services within CamelContext's which name matches the pattern.
 51. * * file-watch (camel-file-watch) * The file-watch is used to monitor file events in directory using * java.nio.file.WatchService * * Category: file * Since: 3.0 * Maven coordinates: org.apache.camel:camel-file-watch * * Syntax: `file-watch:path` * * Path parameter: path (required) * Path of directory to consume events from.
 52. * * Printer (camel-printer) * The printer component is used for sending messages to printers as print * jobs. * * Category: printing * Since: 2.1 * Maven coordinates: org.apache.camel:camel-printer * * Syntax: `lpr:hostname:port/printername` * * Path parameter: hostname (required) * Hostname of the printer * * Path parameter: port * Port number of the printer * * Path parameter: printername * Name of the printer
 53. * * Google Sheets Stream (camel-google-sheets) * The google-sheets component provides access to Google Sheets. * * Category: api,cloud,sheets * Since: 2.23 * Maven coordinates: org.apache.camel:camel-google-sheets * * Syntax: `google-sheets-stream:apiName` * * Path parameter: apiName * Sets the apiName.
 54. * * Crypto CMS (camel-crypto-cms) * The crypto cms component is used for encrypting data in CMS Enveloped * Data format, decrypting CMS Enveloped Data, signing data in CMS Signed * Data format, and verifying CMS Signed Data. * * Category: security,transformation * Since: 2.20 * Maven coordinates: org.apache.camel:camel-crypto-cms * * Syntax: `crypto-cms:cryptoOperation:name` * * Path parameter: cryptoOperation (required) * Set the Crypto operation from that supplied after the crypto scheme in * the endpoint uri e.g. crypto-cms:sign sets sign as the operation. * Possible values: sign, verify, encrypt, or decrypt. * The value can be one of: sign, verify, encrypt, decrypt * * Path parameter: name (required) * The name part in the URI can be chosen by the user to distinguish between * different signer/verifier/encryptor/decryptor endpoints within the camel * context.
 55. * * OPC UA Server (camel-milo) * Make telemetry data available as an OPC UA server * * Category: iot * Since: 2.19 * Maven coordinates: org.apache.camel:camel-milo * * Syntax: `milo-server:itemId` * * Path parameter: itemId (required) * ID of the item
 56. * * Simple JMS (camel-sjms) * The sjms component (simple jms) allows messages to be sent to (or * consumed from) a JMS Queue or Topic (uses JMS 1.x API). * * Category: messaging * Since: 2.11 * Maven coordinates: org.apache.camel:camel-sjms * * Syntax: `sjms:destinationType:destinationName` * * Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic * * Path parameter: destinationName (required) * DestinationName is a JMS queue or topic name. By default, the * destinationName is interpreted as a queue name.
 57. * * Pulsar (camel-pulsar) * Camel Apache Pulsar Component * * Category: messaging * Since: 2.24 * Maven coordinates: org.apache.camel:camel-pulsar * * Syntax: `pulsar:persistence://tenant/namespace/topic` * * Path parameter: persistence (required) * Whether the topic is persistent or non-persistent * The value can be one of: persistent, non-persistent * *

- Path parameter: tenant (required) * The tenant * * Path parameter: namespace (required) * The namespace * * Path parameter: topic (required) * The topic
58. * * Bonita (camel-bonita) * Used for communicating with a remote Bonita BPM process engine. * * Category: process * Since: 2.19 * Maven coordinates: org.apache.camel:camel-bonita * * Syntax: `bonita:operation` * * Path parameter: operation (required) * Operation to use * The value can be one of: startCase
 59. * * OpenStack Cinder (camel-openstack) * The openstack-cinder component allows messages to be sent to an OpenStack * block storage services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates: org.apache.camel:camel-openstack * * Syntax: `openstack-cinder:host` * * Path parameter: host (required) * OpenStack host url
 60. * * Telegram (camel-telegram) * The telegram component provides access to the Telegram Bot API. * * Category: chat * Since: 2.18 * Maven coordinates: org.apache.camel:camel-telegram * * Syntax: `telegram:type` * * Path parameter: type (required) * The endpoint type. Currently, only the 'bots' type is supported. * The value can be one of: bots
 61. * * Avro (camel-avro) * Working with Apache Avro for data serialization. * * Category: messaging,transformation * Since: 2.10 * Maven coordinates: org.apache.camel:camel-avro * * Syntax: `avro:transport:host:port/messageName` * * Path parameter: transport (required) * Transport to use, can be either http or netty * The value can be one of: http, netty * * Path parameter: port (required) * Port number to use * * Path parameter: host (required) * Hostname to use * * Path parameter: messageName * The name of the message to send.
 62. * * PostgreSQL Replication Slot (camel-pg-replication-slot) * Consumer endpoint to receive from PostgreSQL Replication Slot. * * Category: database,sql * Since: 3.0 * Maven coordinates: org.apache.camel:camel-pg-replication-slot * * Syntax: `pg-replication-slot:host:port/database/slot/outputPlugin` * * Path parameter: slot (required) * Replication slot name. * * Path parameter: host * PostgreSQL server host * Default value: localhost * * Path parameter: port * PostgreSQL server port * Default value: 5432 * * Path parameter: database (required) * PostgreSQL database name * * Path parameter: outputPlugin (required) * Output plugin name (e.g. test_decoding, wal2json)
 63. * * IEC 60870 Server (camel-iec60870) * IEC 60870 component used for telecontrol (supervisory control and data * acquisition) such as controlling electric power transmission grids and * other geographically widespread control systems. * * Category: iot * Since: 2.20 * Maven coordinates: org.apache.camel:camel-iec60870 * * Syntax: `iec60870-server:uriPath` * * Path parameter: uriPath (required) * The object information address
 64. * * Debezium MySQL Connector (camel-debezium-mysql) * Represents a Debezium MySQL endpoint which is used to capture changes in * MySQL database so that that applications can see those changes and * respond to them. * * Category: database,sql,mysql * Since: 3.0 * Maven coordinates: org.apache.camel:camel-debezium-mysql * * Syntax: `debezium-mysql:name` * * Path parameter: name (required) * Unique name for the connector. Attempting to register again with the same * name will fail.
 65. * * Hazelcast Atomic Number (camel-hazelcast) * The hazelcast-atomicvalue component is used to access Hazelcast atomic * number, which is an object that simply provides a grid wide number * (long). * * Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast * * Syntax: `hazelcast-atomicvalue:cacheName` * * Path parameter: cacheName (required) * The name of the cache
 66. * * Nitrite (camel-nitrite) * Used for integrating Camel with Nitrite databases. * * Category: database,nosql * Since: 3.0 * Maven coordinates: org.apache.camel:camel-nitrite * * Syntax: `nitrite:database` * * Path parameter: database (required) * Path to database file. Will be created if not exists.
 67. * * Velocity (camel-velocity) * Transforms the message using a Velocity template. * * Category: transformation * Since: 1.2 * Maven coordinates: org.apache.camel:camel-velocity * * Syntax: `velocity:resourceUri` * * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
 68. * * Hazelcast Replicated Map (camel-hazelcast) * The hazelcast-replicatedmap component is used to access Hazelcast * replicated map. * * Category: cache,datagrid * Since: 2.16 * Maven coordinates: org.apache.camel:camel-hazelcast * * Syntax: `hazelcast-replicatedmap:cacheName` * * Path parameter: cacheName (required) * The name of the cache

69. **** LDAP (camel-ldap)** * The ldap component allows you to perform searches in LDAP servers using * filters as the message payload. **** Category:** ldap **** Since:** 1.5 **** Maven coordinates:** org.apache.camel:camel-ldap **** Syntax:** `<code>ldap:dirContextName</code>` **** Path parameter:** dirContextName (required) * Name of either a javax.naming.directory.DirContext, or * java.util.Hashtable, or Map bean to lookup in the registry. If the bean * is either a Hashtable or Map then a new javax.naming.directory.DirContext * instance is created for each use. If the bean is a * javax.naming.directory.DirContext then the bean is used as given. The * latter may not be possible in all situations where the * javax.naming.directory.DirContext must not be shared, and in those * situations it can be better to use java.util.Hashtable or Map instead.
70. **** Language (camel-language)** * The language component allows you to send a message to an endpoint which * executes a script by any of the supported Languages in Camel. **** Category:** core,script **** Since:** 2.5 **** Maven coordinates:** org.apache.camel:camel-language **** Syntax:** `<code>language:languageName:resourceUri</code>` **** Path parameter:** languageName (required) * Sets the name of the language to use * The value can be one of: bean, constant, exchangeProperty, file, groovy, * header, javascript, jsonpath, mvel, ognl, , ref, simple, spel, sql, * terser, tokenize, xpath, xquery, xtokenize **** Path parameter:** resourceUri * Path to the resource, or a reference to lookup a bean in the Registry to * use as the resource
71. **** Ignite Sets (camel-ignite)** * The Ignite Sets endpoint is one of camel-ignite endpoints which allows * you to interact with Ignite Set data structures. **** Category:** nosql,cache **** Since:** 2.17 **** Maven coordinates:** org.apache.camel:camel-ignite **** Syntax:** `<code>ignite-set:name</code>` **** Path parameter:** name (required) * The set name.
72. **** SIP (camel-sip)** * To send and receive messages using the SIP protocol (used in telco and * mobile). **** Category:** mobile **** Since:** 2.5 **** Maven coordinates:** org.apache.camel:camel-sip
73. **** Solr (camel-solr)** * The solr component allows you to interface with an Apache Lucene Solr * server. **** Category:** monitoring,search **** Since:** 2.9 **** Maven coordinates:** org.apache.camel:camel-solr
74. **** Kudu (camel-kudu)** * Represents a Kudu endpoint. A kudu endpoint allows you to interact with * Apache Kudu, a free and open source column-oriented data store of the * Apache Hadoop ecosystem. **** Category:** cloud,database,iot **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-kudu **** Syntax:** `<code>kudu:host:port/tableName</code>` **** Path parameter:** host * Kudu master to connect to **** Path parameter:** port * Port where kudu service is listening **** Path parameter:** tableName * The name of the table where the rows are stored
75. **** Web3j Ethereum Blockchain (camel-web3j)** * The web3j component uses the Web3j client API and allows you to add/read * nodes to/from a web3j compliant content repositories. **** Category:** bitcoin,blockchain **** Since:** 2.22 **** Maven coordinates:** org.apache.camel:camel-web3j **** Syntax:** `<code>web3j:nodeAddress</code>` **** Path parameter:** nodeAddress (required) * Sets the node address used to communicate
76. **** AWS S3 Storage Service (camel-aws-s3)** * The aws-s3 component is used for storing and retrieving object from * Amazon S3 Storage Service. **** Category:** cloud,file **** Since:** 2.8 **** Maven coordinates:** org.apache.camel:camel-aws-s3 **** Syntax:** `<code>aws-s3://bucketNameOrArn</code>` **** Path parameter:** bucketNameOrArn (required) * Bucket name or ARN
77. **** Spring Integration (camel-spring-integration)** * Bridges Camel with Spring Integration. **** Category:** spring,eventbus **** Since:** 1.4 **** Maven coordinates:** org.apache.camel:camel-spring-integration **** Syntax:** `<code>spring-integration:defaultChannel</code>` **** Path parameter:** defaultChannel (required) * The default channel name which is used by the Spring Integration Spring * context. It will equal to the inputChannel name for the Spring * Integration consumer and the outputChannel name for the Spring * Integration provider.
78. **** SMTPS (camel-mail)** * To send or receive emails using imap/pop3 or smtp protocols. **** Category:** mail **** Since:** 1.0 **** Maven coordinates:** org.apache.camel:camel-mail **** Syntax:** `<code>smtps:host:port</code>` **** Path parameter:** host (required) * The mail server host name **** Path parameter:** port * The port number of the mail server
79. **** AHC Websocket (camel-ahc-ws)** * To exchange data with external Websocket servers using Async Http Client. **** Category:** websocket **** Since:** 2.14 **** Maven coordinates:** org.apache.camel:camel-ahc-ws
80. **** MicroProfile Metrics (camel-microprofile-metrics)** * Camel metrics exposed with Eclipse MicroProfile Metrics **** Category:** monitoring **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-microprofile-metrics **** Syntax:** `<code>microprofile-metrics:metricType:metricName</code>` **** Path parameter:** metricType (required) * Metric type * The value can be one of: CONCURRENT_GAUGE, COUNTER, GAUGE, METERED, * HISTOGRAM, TIMER, INVALID **** Path parameter:** metricName (required) * Metric name

81. **Vert.x (camel-vertx)** * The vertx component is used for sending and receive messages from a vertx * event bus. * **Category:** eventbus,reactive * **Since:** 2.12 * **Maven coordinates:** org.apache.camel:camel-vertx * **Syntax:** `vertx:address` * **Path parameter:** address (required) * Sets the event bus address used to communicate
82. **SEDA (camel-seda)** * The seda component provides asynchronous call to another endpoint from * any CamelContext in the same JVM. * **Category:** core,endpoint * **Since:** 1.1 * **Maven coordinates:** org.apache.camel:camel-seda * **Syntax:** `seda:name` * **Path parameter:** name (required) * Name of queue
83. **FOP (camel-fop)** * The fop component allows you to render a message into different output * formats using Apache FOP. * **Category:** transformation * **Since:** 2.10 * **Maven coordinates:** org.apache.camel:camel-fop * **Syntax:** `fop:outputType` * **Path parameter:** outputType (required) * The primary output format is PDF but other output formats are also * supported. * The value can be one of: pdf, ps, pcl, png, jpeg, svg, xml, mif, rtf, txt
84. **Spring Batch (camel-spring-batch)** * The spring-batch component allows to send messages to Spring Batch for * further processing. * **Category:** spring,batch,scheduling * **Since:** 2.10 * **Maven coordinates:** org.apache.camel:camel-spring-batch * **Syntax:** `spring-batch:jobName` * **Path parameter:** jobName (required) * The name of the Spring Batch job located in the registry.
85. **Google Mail (camel-google-mail)** * The google-mail component provides access to Google Mail. * **Category:** api,cloud,mail * **Since:** 2.15 * **Maven coordinates:** org.apache.camel:camel-google-mail * **Syntax:** `google-mail:apiName/methodName` * **Path parameter:** apiName (required) * What kind of operation to perform * The value can be one of: THREADS, MESSAGES, ATTACHMENTS, LABELS, HISTORY, * DRAFTS, USERS * **Path parameter:** methodName (required) * What sub operation to use for the selected operation * The value can be one of: attachments, create, delete, get, getProfile, * gmailImport, insert, list, modify, patch, send, trash, untrash, update
86. **IronMQ (camel-ironmq)** * The ironmq provides integration with IronMQ an elastic and durable hosted * message queue as a service. * **Category:** cloud,messaging * **Since:** 2.17 * **Maven coordinates:** org.apache.camel:camel-ironmq * **Syntax:** `ironmq:queueName` * **Path parameter:** queueName (required) * The name of the IronMQ queue
87. **Cron (camel-cron)** * Camel Cron Component * **Category:** scheduling * **Since:** 3.1 * **Maven coordinates:** org.apache.camel:camel-cron * **Syntax:** `cron:name` * **Path parameter:** name (required) * The name of the cron trigger
88. **Olingo4 (camel-olingo4)** * Communicates with OData 4.0 services using Apache Olingo OData API. * **Category:** cloud * **Since:** 2.19 * **Maven coordinates:** org.apache.camel:camel-olingo4 * **Syntax:** `olingo4:apiName/methodName` * **Path parameter:** apiName (required) * What kind of operation to perform * The value can be one of: DEFAULT * **Path parameter:** methodName (required) * What sub operation to use for the selected operation
89. **CXF (camel-cxf)** * The cxf component is used for SOAP WebServices using Apache CXF. * **Category:** soap,webservice * **Since:** 1.0 * **Maven coordinates:** org.apache.camel:camel-cxf * **Syntax:** `cxf:beanId:address` * **Path parameter:** beanId * To lookup an existing configured CxfEndpoint. Must used bean: as prefix. * **Path parameter:** address * The service publish address.
90. **RabbitMQ (camel-rabbitmq)** * The rabbitmq component allows you produce and consume messages from * RabbitMQ instances. * **Category:** messaging * **Since:** 2.12 * **Maven coordinates:** org.apache.camel:camel-rabbitmq * **Syntax:** `rabbitmq:exchangeName` * **Path parameter:** exchangeName (required) * The exchange name determines which exchange produced messages will sent * to. In the case of consumers, the exchange name determines which exchange * the queue will bind to.
91. **CoAP (camel-coap)** * The coap component is used for sending and receiving messages from COAP * capable devices. * **Category:** iot * **Since:** 2.16 * **Maven coordinates:** org.apache.camel:camel-coap * **Syntax:** `coap:uri` * **Path parameter:** uri * The URI for the CoAP endpoint
92. **Metrics (camel-metrics)** * To collect various metrics directly from Camel routes using the * DropWizard metrics library. * **Category:** monitoring * **Since:** 2.14 * **Maven coordinates:** org.apache.camel:camel-metrics * **Syntax:** `metrics:metricsType:metricsName` * **Path parameter:** metricsType (required) * Type of metrics * The value can be one of: GAUGE, COUNTER, HISTOGRAM, METER, TIMER * **Path parameter:** metricsName (required) * Name of metrics
93. **Jing (camel-jing)** * Validates the payload of a message using RelaxNG Syntax using Jing * library. * **Category:** validation * **Since:** 1.1 * **Maven coordinates:** org.apache.camel:camel-jing * **Syntax:** `jing:resourceUri` * **Path parameter:** resourceUri (required) * URL to a local resource on the classpath or a full URL to a remote * resource or resource on the file system which contains the schema to * validate against.

94. ** MongoDB (camel-mongodb) * Component for working with documents stored in MongoDB database. ** Category: database,nosql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-mongodb ** Syntax: `mongodb:connectionBean` ** Path parameter: connectionBean (required) * Name of com.mongodb.Mongo to use.
95. ** Yammer (camel-yammer) * The yammer component allows you to interact with the Yammer enterprise * social network. ** Category: social * Since: 2.12 * Maven coordinates: org.apache.camel:camel-yammer ** Syntax: `yammer:function` ** Path parameter: function (required) * The function to use * The value can be one of: MESSAGES, MY_FEED, ALGO, FOLLOWING, SENT, * PRIVATE, RECEIVED, USERS, CURRENT
96. ** Git (camel-git) * The git component is used for working with git repositories. ** Category: file * Since: 2.16 * Maven coordinates: org.apache.camel:camel-git ** Syntax: `git:localPath` * Path parameter: localPath (required) * Local repository path
97. ** Facebook (camel-facebook) * The Facebook component provides access to all of the Facebook APIs * accessible using Facebook4J. ** Category: social * Since: 2.14 * Maven coordinates: org.apache.camel:camel-facebook ** Syntax: `facebook:methodName` ** Path parameter: methodName (required) * What operation to perform
98. ** Thrift (camel-thrift) * The Thrift component allows to call and expose remote procedures (RPC) * with Apache Thrift data format and serialization mechanism ** Category: rpc * Since: 2.20 * Maven coordinates: org.apache.camel:camel-thrift ** Syntax: `thrift:host:port/service` ** Path parameter: host * The Thrift server host name. This is localhost or 0.0.0.0 (if not * defined) when being a consumer or remote server host name when using * producer. ** Path parameter: port (required) * The Thrift server port ** Path parameter: service (required) * Fully qualified service name from the thrift descriptor file (package dot * service definition name)
99. ** StAX (camel-stax) * The stax component allows messages to be process through a SAX * ContentHandler. ** Category: transformation * Since: 2.9 * Maven coordinates: org.apache.camel:camel-stax ** Syntax: `stax:contentHandlerClass` ** Path parameter: contentHandlerClass (required) * The FQN class name for the ContentHandler implementation to use.
100. ** Atomix Queue (camel-atomix) * The atomix-queue component is used to access Atomix's distributed queue. ** Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix ** Syntax: `atomix-queue:resourceName` ** Path parameter: resourceName (required) * The distributed resource name
101. ** Nats (camel-nats) * The nats component allows you produce and consume messages from NATS. ** Category: messaging * Since: 2.17 * Maven coordinates: org.apache.camel:camel-nats ** Syntax: `nats:topic` ** Path parameter: topic (required) * The name of topic we want to use
102. ** Debezium MongoDB Connector (camel-debezium-mongodb) * Represents a Debezium MongoDB endpoint which is used to capture changes * in MongoDB database so that that applications can see those changes and * respond to them. ** Category: database,nosql,mongodb * Since: 3.0 * Maven coordinates: org.apache.camel:camel-debezium-mongodb ** Syntax: `debezium-mongodb:name` ** Path parameter: name (required) * Unique name for the connector. Attempting to register again with the same * name will fail.
103. ** Paho (camel-paho) * Component for communicating with MQTT message brokers using Eclipse Paho * MQTT Client. ** Category: messaging,iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-paho ** Syntax: `paho:topic` ** Path parameter: topic (required) * Name of the topic
104. ** Atmos (camel-atmos) * The atmos component is used for integrating with EMC's Atmos Storage. * ** Category: file,cloud * Since: 2.15 * Maven coordinates: org.apache.camel:camel-atmos ** Syntax: `atmos:name/operation` ** Path parameter: name * Atmos name ** Path parameter: operation (required) * Operation to perform * The value can be one of: put, del, search, get, move
105. ** Mustache (camel-mustache) * Transforms the message using a Mustache template. ** Category: transformation * Since: 2.12 * Maven coordinates: org.apache.camel:camel-mustache ** Syntax: `mustache:resourceUri` ** Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
106. ** Dataset (camel-dataset) * The dataset component provides a mechanism to easily perform load & soak * testing of your system. ** Category: core,testing * Since: 1.3 * Maven coordinates: org.apache.camel:camel-dataset ** Syntax: `dataset:name` ** Path parameter: name (required) * Name of DataSet to lookup in the registry

107. CHECKSTYLE:ON

108. **** Atomix MultiMap (camel-atomix)** * The atomix-multimap component is used to access Atomix's distributed * multi map. **** Category:** clustering *** Since:** 2.20 *** Maven coordinates:** org.apache.camel:camel-atomix **** Syntax:** `<code>atomix-multimap:resourceName</code>` **** Path parameter:** resourceName (required) * The distributed resource name
109. **** QuickFix (camel-quickfix)** * The quickfix component allows to send Financial Interchange (FIX) * messages to the QuickFix engine. **** Category:** messaging *** Since:** 2.1 *** Maven coordinates:** org.apache.camel:camel-quickfix **** Syntax:** `<code>quickfix:configurationName</code>` **** Path parameter:** configurationName (required) * The configFile is the name of the QuickFIX/J configuration to use for the * FIX engine (located as a resource found in your classpath).
110. **** SMPP (camel-smpp)** * To send and receive SMS using a SMSC (Short Message Service Center). **** Category:** mobile *** Since:** 2.2 *** Maven coordinates:** org.apache.camel:camel-smpp **** Syntax:** `<code>smpp:host:port</code>` **** Path parameter:** host * Hostname for the SMSC server to use. * Default value: localhost **** Path parameter:** port * Port number for the SMSC server to use. * Default value: 2775
111. **** Hazelcast Map (camel-hazelcast)** * The hazelcast-map component is used to access Hazelcast distributed map. **** Category:** cache,datagrid *** Since:** 2.7 *** Maven coordinates:** org.apache.camel:camel-hazelcast **** Syntax:** `<code>hazelcast-map:cacheName</code>` **** Path parameter:** cacheName (required) * The name of the cache
112. **** HTTPS (Secure) (camel-http)** * For calling out to external HTTP servers using Apache HTTP Client 4.x. **** Category:** http *** Since:** 2.3 *** Maven coordinates:** org.apache.camel:camel-http **** Syntax:** `<code>https:httpUri</code>` **** Path parameter:** httpUri (required) * The url of the HTTP endpoint to call.
113. **** Dozer (camel-dozer)** * The dozer component provides the ability to map between Java beans using * the Dozer mapping library. **** Category:** transformation *** Since:** 2.15 *** Maven coordinates:** org.apache.camel:camel-dozer **** Syntax:** `<code>dozer:name</code>` **** Path parameter:** name (required) * A human readable name of the mapping.
114. **** XML Security (camel-xmlsecurity)** * Used to sign and verify exchanges using the XML signature specification. **** Category:** security,transformation *** Since:** 2.12 *** Maven coordinates:** org.apache.camel:camel-xmlsecurity **** Syntax:** `<code>xmlsecurity:command:name</code>` **** Path parameter:** command (required) * Whether to sign or verify. * The value can be one of: sign, verify **** Path parameter:** name (required) * The name part in the URI can be chosen by the user to distinguish between * different signer/verifier endpoints within the camel context.
115. **** PubNub (camel-pubnub)** * To send and receive messages to PubNub data stream network for connected * devices. **** Category:** cloud,iot,messaging *** Since:** 2.19 *** Maven coordinates:** org.apache.camel:camel-pubnub **** Syntax:** `<code>pubnub:channel</code>` **** Path parameter:** channel (required) * The channel used for subscribing/publishing events
116. **** JMX (camel-jmx)** * The jmx component allows to receive JMX notifications. **** Category:** monitoring *** Since:** 2.6 *** Maven coordinates:** org.apache.camel:camel-jmx **** Syntax:** `<code>jmx:serverURL</code>` **** Path parameter:** serverURL * Server url comes from the remaining endpoint. Use platform to connect to * local JVM.
117. CHECKSTYLE:OFF
118. **** Hazelcast SEDA (camel-hazelcast)** * The hazelcast-seda component is used to access Hazelcast BlockingQueue. **** Category:** cache,datagrid *** Since:** 2.7 *** Maven coordinates:** org.apache.camel:camel-hazelcast **** Syntax:** `<code>hazelcast-seda:cacheName</code>` **** Path parameter:** cacheName (required) * The name of the cache
119. **** REST Swagger (camel-rest-swagger)** * An awesome REST endpoint backed by Swagger specifications. **** Category:** rest,swagger,http *** Since:** 2.19 *** Maven coordinates:** org.apache.camel:camel-rest-swagger **** Syntax:** `<code>rest-swagger:specificationUri#operationId</code>` **** Path parameter:** specificationUri * Path to the Swagger specification file. The scheme, host base path are * taken from this specification, but these can be overridden with * properties on the component or endpoint level. If not given the component * tries to load swagger.json resource from the classpath. Note that the * host defined on the component and endpoint of this Component should * contain the scheme, hostname and optionally the port in the URI syntax * (i.e. http://api.example.com:8080). Overrides component configuration. * The Swagger specification can be loaded from different sources by * prefixing with file: classpath: http: https:. Support for https is * limited to using the JDK installed UrlHandler, and as such it can be * cumbersome to setup TLS/SSL certificates for https (such as setting a * number of javax.net.ssl JVM system properties). How

- to do that consult * the JDK documentation for `UrlHandler`. * Default value: `swagger.json` * * Path parameter: `operationId` (required) * ID of the operation from the Swagger specification.
120. * * `Stream` (camel-stream) * The stream: component provides access to the system-in, system-out and * system-err streams as well as allowing streaming of file. * * Category: `file,system` * Since: 1.3 * Maven coordinates: `org.apache.camel:camel-stream` * * Syntax: `<code>stream:kind</code>` * * Path parameter: `kind` (required) * Kind of stream to use such as `System.in` or `System.out`. * The value can be one of: `in`, `out`, `err`, `header`, `file`
121. * * `HDFS` (camel-hdfs) * For reading/writing from/to an HDFS filesystem using Hadoop 2.x. * * Category: `hadoop,file` * Since: 2.14 * Maven coordinates: `org.apache.camel:camel-hdfs` * * Syntax: `<code>hdfs:hostName:port/path</code>` * * Path parameter: `hostname` (required) * HDFS host to use * * Path parameter: `port` * HDFS port to use * Default value: 8020 * * Path parameter: `path` (required) * The directory path to use
122. * * `AWS IAM` (camel-aws-iam) * The aws-iam is used for managing Amazon IAM * * Category: `cloud,management` * Since: 2.23 * Maven coordinates: `org.apache.camel:camel-aws-iam` * * Syntax: `<code>aws-iam:label</code>` * * Path parameter: `label` (required) * Logical name
123. * * `Kubernetes Replication Controller` (camel-kubernetes) * The Kubernetes Replication Controllers component provides a producer to * execute kubernetes replication controller operations and a consumer to * consume replication controller events. * * Category: `container,cloud,paas` * Since: 2.17 * Maven coordinates: `org.apache.camel:camel-kubernetes` * * Syntax: `<code>kubernetes-replication-controllers:masterUrl</code>` * * Path parameter: `masterUrl` (required) * Kubernetes Master url
124. * * `XChange` (camel-xchange) * The camel-xchange component provide access to many bitcoin and altcoin * exchanges for trading and accessing market data. * * Category: `bitcoin,blockchain` * Since: 2.21 * Maven coordinates: `org.apache.camel:camel-xchange` * * Syntax: `<code>xchange:name</code>` * * Path parameter: `name` (required) * The exchange to connect to
125. * * `Beanstalk` (camel-beanstalk) * The beanstalk component is used for job retrieval and post-processing of * Beanstalk jobs. * * Category: `messaging` * Since: 2.15 * Maven coordinates: `org.apache.camel:camel-beanstalk` * * Syntax: `<code>beanstalk:connectionSettings</code>` * * Path parameter: `connectionSettings` * Connection settings host:port/tube
126. * * `AWS EC2` (camel-aws-ec2) * The aws-ec2 is used for managing Amazon EC2 instances. * * Category: `cloud,management` * Since: 2.16 * Maven coordinates: `org.apache.camel:camel-aws-ec2` * * Syntax: `<code>aws-ec2:label</code>` * * Path parameter: `label` (required) * Logical name
127. * * `Simple JMS Batch` (camel-sjms) * The sjms-batch component is a specialized for highly performant, * transactional batch consumption from a JMS queue. * * Category: `messaging` * Since: 2.16 * Maven coordinates: `org.apache.camel:camel-sjms` * * Syntax: `<code>sjms-batch:destinationName</code>` * * Path parameter: `destinationName` (required) * The destination name. Only queues are supported, names may be prefixed by * 'queue:'.
128. * * `AWS Simple Email Service` (camel-aws-ses) * The aws-ses component is used for sending emails with Amazon's SES * service. * * Category: `cloud,mail` * Since: 2.9 * Maven coordinates: `org.apache.camel:camel-aws-ses` * * Syntax: `<code>aws-ses:from</code>` * * Path parameter: `from` (required) * The sender's email address.
129. * * `Google Calendar Stream` (camel-google-calendar) * The google-calendar component provides access to Google Calendar in a * streaming mode. * * Category: `api,cloud` * Since: 2.23 * Maven coordinates: `org.apache.camel:camel-google-calendar` * * Syntax: `<code>google-calendar-stream:index</code>` * * Path parameter: `index` * Specifies an index for the endpoint
130. * * `InfluxDB` (camel-influxdb) * The influxdb component allows you to interact with InfluxDB, a time * series database. * * Category: `database` * Since: 2.18 * Maven coordinates: `org.apache.camel:camel-influxdb` * * Syntax: `<code>influxdb:connectionBean</code>` * * Path parameter: `connectionBean` (required) * Connection to the influx database, of class `InfluxDB.class`
131. * * `GraphQL` (camel-graphql) * A Camel GraphQL Component * * Category: `api` * Since: 3.0 * Maven coordinates: `org.apache.camel:camel-graphql` * * Syntax: `<code>graphql:httpUri</code>` * * Path parameter: `httpUri` (required) * The GraphQL server URI.
132. * * `MyBatis` (camel-mybatis) * Performs a query, poll, insert, update or delete in a relational database * using MyBatis. * * Category: `database,sql` * Since: 2.7 * Maven coordinates: `org.apache.camel:camel-mybatis` * * Syntax: `<code>mybatis:statement</code>` * * Path parameter: `statement` (required) * The statement name in the MyBatis XML mapping file which maps to the * query, insert, update or delete operation you wish to evaluate.
133. * * `AWS Kinesis Firehose` (camel-aws-kinesis) * The aws-kinesis-firehose component is used for producing Amazon's Kinesis * Firehose streams. * * Category: `cloud,messaging` * Since: 2.19 * Maven

- coordinates: org.apache.camel:camel-aws-kinesis * * Syntax: `<code>aws-kinesis-firehose:streamName</code>` * * Path parameter: streamName (required) * Name of the stream
134. * * Jira (camel-jira) * The jira component interacts with the JIRA issue tracker. * * Category: api,reporting * Since: 3.0 * Maven coordinates: org.apache.camel:camel-jira * * Syntax: `<code>jira:type</code>` * * Path parameter: type (required) * Operation to perform. Consumers: NewIssues, NewComments. Producers: * AddIssue, AttachFile, DeleteIssue, TransitionIssue, UpdateIssue, * Watchers. See this class javadoc description for more information. * The value can be one of: ADDCOMMENT, ADDISSUE, ATTACH, DELETEISSUE, * NEWISSUES, NEWCOMMENTS, UPDATEISSUE, TRANSITIONISSUE, WATCHERS
135. * * XJ (camel-xj) * Transforms json/xml message back and forth using a XSLT. * * Category: transformation * Since: 3.0 * Maven coordinates: org.apache.camel:camel-xj * * Syntax: `<code>xj:resourceUri</code>` * * Path parameter: resourceUri (required) * Path to the template. The following is supported by the default * URIResolver. You can prefix with: classpath, file, http, ref, or bean. * classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod
136. * * AWS CloudWatch (camel-aws-cw) * The aws-cw component is used for sending metrics to an Amazon CloudWatch. * * Category: cloud,monitoring * Since: 2.11 * Maven coordinates: org.apache.camel:camel-aws-cw * * Syntax: `<code>aws-cw:namespace</code>` * * Path parameter: namespace (required) * The metric namespace
137. * * Kubernetes Pods (camel-kubernetes) * The Kubernetes Pods component provides a producer to execute kubernetes * pod operations and a consumer to consume pod events. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>kubernetes-pods:masterUrl</code>` * * Path parameter: masterUrl (required) * Kubernetes Master url
138. * * JMS (camel-jms) * The jms component allows messages to be sent to (or consumed from) a JMS * Queue or Topic. * * Category: messaging * Since: 1.0 * Maven coordinates: org.apache.camel:camel-jms * * Syntax: `<code>jms:destinationType:destinationName</code>` * * Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic, temp-queue, temp-topic * * Path parameter: destinationName (required) * Name of the queue or topic to use as destination
139. * * Atmosphere Websocket (camel-atmosphere-websocket) * To exchange data with external Websocket clients using Atmosphere. * * Category: websocket * Since: 2.14 * Maven coordinates: org.apache.camel:camel-atmosphere-websocket * * Syntax: `<code>atmosphere-websocket:servicePath</code>` * * Path parameter: servicePath (required) * Name of websocket endpoint
140. * * IMAPS (Secure) (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. * * Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail * * Syntax: `<code>imaps:host:port</code>` * * Path parameter: host (required) * The mail server host name * * Path parameter: port * The port number of the mail server
141. * * Splunk (camel-splunk) * The splunk component allows to publish or search for events in Splunk. * * Category: log,monitoring * Since: 2.13 * Maven coordinates: org.apache.camel:camel-splunk * * Syntax: `<code>splunk:name</code>` * * Path parameter: name (required) * Name has no purpose
142. * * Hazelcast List (camel-hazelcast) * The hazelcast-list component is used to access Hazelcast distributed * list. * * Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast * * Syntax: `<code>hazelcast-list:cacheName</code>` * * Path parameter: cacheName (required) * The name of the cache
143. * * Box (camel-box) * For uploading downloading and managing files folders groups * collaborations etc on box DOT com. * * Category: api,file,cloud * Since: 2.14 * Maven coordinates: org.apache.camel:camel-box * * Syntax: `<code>box:apiName/methodName</code>` * * Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: COLLABORATIONS, COMMENTS, EVENT_LOGS, FILES, * FOLDERS, GROUPS, EVENTS, SEARCH, TASKS, USERS * * Path parameter: methodName (required) * What sub operation to use for the selected operation
144. * * Kubernetes Persistent Volume (camel-kubernetes) * The Kubernetes Persistent Volumes component provides a producer to * execute kubernetes persistent volume operations. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>kubernetes-persistent-volumes:masterUrl</code>` * * Path parameter: masterUrl (required) * Kubernetes Master url

145. **** SIP (Secure) (camel-sip)** * To send and receive messages using the SIP protocol (used in telco and * mobile). **** Category:** mobile *** Since:** 2.5 *** Maven coordinates:** org.apache.camel:camel-sip **** Syntax:** `<code>sips:uri</code>` **** Path parameter:** uri (required) *** URI** of the SIP server to connect to (the username and password can be * included such as: john:secretmyserver:9999)
146. **** SNMP (camel-snmp)** * The snmp component gives you the ability to poll SNMP capable devices or * receiving traps. **** Category:** monitoring *** Since:** 2.1 *** Maven coordinates:** org.apache.camel:camel-snmp **** Syntax:** `<code>snmp:host:port</code>` **** Path parameter:** host (required) *** Hostname** of the SNMP enabled device **** Path parameter:** port (required) *** Port number** of the SNMP enabled device
147. **** Twitter Search (camel-twitter)** * The Twitter Search component consumes search results. **** Category:** api,social *** Since:** 2.10 *** Maven coordinates:** org.apache.camel:camel-twitter **** Syntax:** `<code>twitter-search:keywords</code>` **** Path parameter:** keywords (required) *** The search query**, use the keywords AND, OR, - and () to narrow the search * results.
148. **** FTP (camel-ftp)** * The ftp component is used for uploading or downloading files from FTP * servers. **** Category:** file *** Since:** 1.1 *** Maven coordinates:** org.apache.camel:camel-ftp **** Syntax:** `<code>ftp:host:port:directoryName</code>` **** Path parameter:** host (required) *** Hostname** of the FTP server **** Path parameter:** port *** Port** of the FTP server **** Path parameter:** directoryName *** The starting directory**
149. **** Debezium PostgreSQL Connector (camel-debezium-postgres)** * Represents a Debezium PostgreSQL endpoint which is used to capture * changes in PostgreSQL database so that that applications can see those * changes and respond to them. **** Category:** database,sql,postgres *** Since:** 3.0 *** Maven coordinates:** org.apache.camel:camel-debezium-postgres **** Syntax:** `<code>debezium-postgres:name</code>` **** Path parameter:** name (required) *** Unique name** for the connector. Attempting to register again with the same * name will fail.
150. **** Consul (camel-consul)** * The camel consul component allows you to work with Consul, a distributed, * highly available, datacenter-aware, service discovery and configuration * system. **** Category:** api,cloud *** Since:** 2.18 *** Maven coordinates:** org.apache.camel:camel-consul **** Syntax:** `<code>consul:apiEndpoint</code>` **** Path parameter:** apiEndpoint (required) *** The API endpoint**
151. **** AWS Lambda (camel-aws-lambda)** * The aws-lambda is used for managing and invoking functions from Amazon * Lambda. **** Category:** cloud,computing,serverless *** Since:** 2.20 *** Maven coordinates:** org.apache.camel:camel-aws-lambda **** Syntax:** `<code>aws-lambda:function</code>` **** Path parameter:** function (required) *** Name** of the Lambda function.
152. **** REST OpenApi (camel-rest-openapi)** * An awesome REST endpoint backed by OpenApi specifications. **** Category:** rest,openapi,http *** Since:** 3.1 *** Maven coordinates:** org.apache.camel:camel-rest-openapi **** Syntax:** `<code>rest-openapi:specificationUri#operationId</code>` **** Path parameter:** specificationUri *** Path** to the OpenApi specification file. The scheme, host base path are * taken from this specification, but these can be overridden with * properties on the component or endpoint level. If not given the component * tries to load openapi.json resource from the classpath. Note that the * host defined on the component and endpoint of this Component should * contain the scheme, hostname and optionally the port in the URI syntax * (i.e. http://api.example.com:8080). Overrides component configuration. *** The OpenApi specification** can be loaded from different sources by * prefixing with file: classpath: http: https:. Support for https is * limited to using the JDK installed UrlHandler, and as such it can be * cumbersome to setup TLS/SSL certificates for https (such as setting a * number of javax.net.ssl JVM system properties). How to do that consult * the JDK documentation for UrlHandler. *** Default value:** openapi.json **** Path parameter:** operationId (required) *** ID** of the operation from the OpenApi specification.
153. **** Kubernetes HPA (camel-kubernetes)** * The Kubernetes HPA component provides a producer to execute kubernetes * hpa operations and a consumer to consume HPA events. **** Category:** container,cloud,paas *** Since:** 2.23 *** Maven coordinates:** org.apache.camel:camel-kubernetes **** Syntax:** `<code>kubernetes-hpa:masterUrl</code>` **** Path parameter:** masterUrl (required) *** Kubernetes Master url**
154. **** Direct VM (camel-directvm)** * The direct-vm component provides direct, synchronous call to another * endpoint from any CamelContext in the same JVM. **** Category:** core,endpoint *** Since:** 2.10 *** Maven coordinates:** org.apache.camel:camel-directvm **** Syntax:** `<code>direct-vm:name</code>` **** Path parameter:** name (required) *** Name** of direct-vm endpoint
155. **** Kubernetes Service Account (camel-kubernetes)** * The Kubernetes Service Accounts component provides a producer to execute * service account operations. **** Category:** container,cloud,paas *** Since:** 2.17 *** Maven coordinates:** org.apache.camel:camel-kubernetes **** Syntax:** `<code>kubernetes-service-accounts:masterUrl</code>` **** Path parameter:** masterUrl (required) *** Kubernetes Master url**

156. ** Azure Storage Blob Service (camel-azure) * The azure-blob component is used for storing and retrieving blobs from * Azure Storage Blob Service. ** Category: cloud,database,nosql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-azure ** Syntax: `azure-blob:containerOrBlobUri` ** Path parameter: containerOrBlobUri (required) * Container or Blob compact Uri
157. ** Google Pubsub (camel-google-pubsub) * Messaging client for Google Cloud Platform PubSub Service ** Category: messaging * Since: 2.19 * Maven coordinates: org.apache.camel:camel-google-pubsub ** Syntax: `google-pubsub:projectId:destinationName` ** Path parameter: projectId (required) * Project Id ** Path parameter: destinationName (required) * Destination Name
158. ** Elasticsearch Rest (camel-elasticsearch-rest) * The elasticsearch component is used for interfacing with Elasticsearch * server using REST API. ** Category: monitoring,search * Since: 2.21 * Maven coordinates: org.apache.camel:camel-elasticsearch-rest ** Syntax: `elasticsearch-rest:clusterName` ** Path parameter: clusterName (required) * Name of the cluster
159. ** Kubernetes Deployments (camel-kubernetes) * The Kubernetes Nodes component provides a producer to execute kubernetes * node operations and a consumer to consume node events. ** Category: container,cloud,paas * Since: 2.20 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `kubernetes-deployments:masterUrl` ** Path parameter: masterUrl (required) * Kubernetes Master url
160. ** Google Sheets (camel-google-sheets) * The google-sheets component provides access to Google Sheets. ** Category: api,cloud,sheets * Since: 2.23 * Maven coordinates: org.apache.camel:camel-google-sheets ** Syntax: `google-sheets:apiName/methodName` ** Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: SPREADSHEETS, DATA ** Path parameter: methodName (required) * What sub operation to use for the selected operation * The value can be one of: create, get, update, append, batchUpdate, clear
161. ** Atomix Messaging (camel-atomix) * The atomix-messaging component is used to access Atomix's group * messaging. ** Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix ** Syntax: `atomix-messaging:resourceName` ** Path parameter: resourceName (required) * The distributed resource name
162. ** Flink (camel-flink) * The flink component can be used to send DataSet jobs to Apache Flink * cluster. ** Category: hadoop * Since: 2.18 * Maven coordinates: org.apache.camel:camel-flink ** Syntax: `flink:endpointType` ** Path parameter: endpointType (required) * Type of the endpoint (dataset, datastream). * The value can be one of: dataset, datastream
163. ** POP3S (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. ** Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail ** Syntax: `pop3s:host:port` ** Path parameter: host (required) * The mail server host name ** Path parameter: port * The port number of the mail server
164. ** Master (camel-master) * Represents an endpoint which only becomes active when the * CamelClusterView has the leadership. ** Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-master ** Syntax: `master:namespace:delegateUri` ** Path parameter: namespace (required) * The name of the cluster namespace to use ** Path parameter: delegateUri (required) * The endpoint uri to use in master/slave mode
165. ** Google Calendar (camel-google-calendar) * The google-calendar component provides access to Google Calendar. ** Category: api,cloud * Since: 2.15 * Maven coordinates: org.apache.camel:camel-google-calendar ** Syntax: `google-calendar:apiName/methodName` ** Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: ACL, LIST, CALENDARS, CHANNELS, COLORS, * FREEBUSY, EVENTS, SETTINGS ** Path parameter: methodName (required) * What sub operation to use for the selected operation * The value can be one of: calendarImport, clear, delete, get, insert, * instances, list, move, patch, query, quickAdd, stop, update, watch
166. ** JClouds (camel-jclouds) * For interacting with cloud compute & blobstore service via jclouds. ** Category: api,cloud * Since: 2.9 * Maven coordinates: org.apache.camel:camel-jclouds ** Syntax: `jclouds:command:providerId` ** Path parameter: command (required) * What command to execute such as blobstore or compute. * The value can be one of: blobstore, compute ** Path parameter: providerId (required) * The name of the cloud provider that provides the target service (e.g. * aws-s3 or aws_ec2).
167. ** Platform HTTP (camel-platform-http) * HTTP service leveraging existing runtime platform HTTP server ** Category: http * Since: 3.0 * Maven coordinates: org.apache.camel:camel-platform-http ** Syntax: `platform-http:path` ** Path parameter: path (required) * The path under which this endpoint serves the HTTP requests

168. **Quartz (camel-quartz)** * Provides a scheduled delivery of messages using the Quartz 2.x scheduler. *
* Category: scheduling * Since: 2.12 * Maven coordinates: org.apache.camel:camel-quartz * * Syntax:
<code>quartz:groupName/triggerName</code> * * Path parameter: groupName * The quartz group name
to use. The combination of group name and timer * name should be unique. * Default value: Camel * *
Path parameter: triggerName (required) * The quartz timer name to use. The combination of group name
and timer * name should be unique.
169. **Reactive Streams (camel-reactive-streams)** * Reactive Camel using reactive streams * * Category:
reactive,streams * Since: 2.19 * Maven coordinates: org.apache.camel:camel-reactive-streams * * Syntax:
<code>reactive-streams:stream</code> * * Path parameter: stream * Name of the stream channel used by
the endpoint to exchange messages.
170. **IRC (camel-irc)** * The irc component implements an IRC (Internet Relay Chat) transport. * *
Category: chat * Since: 1.1 * Maven coordinates: org.apache.camel:camel-irc * * Syntax:
<code>irc:hostname:port</code> * * Path parameter: hostname (required) * Hostname for the IRC chat
server * * Path parameter: port * Port number for the IRC chat server. If no port is configured then a *
default port of either 6667, 6668 or 6669 is used.
171. **Google BigQuery Standard SQL (camel-google-bigquery)** * Google BigQuery data warehouse for
analytics (using SQL queries). * * Category: cloud,messaging * Since: 2.23 * Maven coordinates:
org.apache.camel:camel-google-bigquery * * Syntax: <code>google-bigquery-sql:projectId:query</code>
* * Path parameter: query (required) * BigQuery standard SQL query * * Path parameter: projectId
(required) * Google Cloud Project Id
172. **Bean Validator (camel-bean-validator)** * The Validator component performs bean validation of the
message body * using the Java Bean Validation API. * * Category: validation * Since: 2.3 * Maven
coordinates: org.apache.camel:camel-bean-validator * * Syntax: <code>bean-validator:label</code> * *
Path parameter: label (required) * Where label is an arbitrary text value describing the endpoint
173. **Hipchat (camel-hipchat)** * The hipchat component supports producing and consuming messages
from/to * Hipchat service. * * Category: api,cloud * Since: 2.15 * Maven coordinates:
org.apache.camel:camel-hipchat * * Syntax: <code>hipchat:protocol:host:port</code> * * Path
parameter: protocol (required) * The protocol for the hipchat server, such as http. * * Path parameter: host
(required) * The host for the hipchat server, such as api.hipchat.com * * Path parameter: port * The port
for the hipchat server. Is by default 80. * Default value: 80
174. **Corda (camel-corda)** * The corda component uses corda-rpc to interact with corda nodes. * *
Category: corda,blockchain * Since: 2.23 * Maven coordinates: org.apache.camel:camel-corda * *
Syntax: <code>corda:node</code> * * Path parameter: node (required) * The url for the corda node
175. **JCR (camel-jcr)** * The jcr component allows you to add/read nodes to/from a JCR compliant * content
repository. * * Category: cms,database * Since: 1.3 * Maven coordinates: org.apache.camel:camel-jcr * *
Syntax: <code>jcr:host/base</code> * * Path parameter: host (required) * Name of the
javax.jcr.Repository to lookup from the Camel registry to be * used. * * Path parameter: base * Get the
base node when accessing the repository
176. **Kubernetes Namespaces (camel-kubernetes)** * The Kubernetes Namespaces component provides a
producer to execute * kubernetes namespace operations and a consumer to consume namespace * events.
* * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-
kubernetes * * Syntax: <code>kubernetes-namespaces:masterUrl</code> * * Path parameter: masterUrl
(required) * Kubernetes Master url
177. **MLLP (camel-mllp)** * Provides functionality required by Healthcare providers to communicate * with
other systems using the MLLP protocol. * * Category: mllp * Since: 2.17 * Maven coordinates:
org.apache.camel:camel-mllp * * Syntax: <code>mllp:hostname:port</code> * * Path parameter:
hostname (required) * Hostname or IP for connection for the TCP connection. The default value * is null,
which means any local IP address * * Path parameter: port (required) * Port number for the TCP
connection
178. **Kubernetes Nodes (camel-kubernetes)** * The Kubernetes Nodes component provides a producer to
execute kubernetes * node operations and a consumer to consume node events. * * Category:
container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax:
<code>kubernetes-nodes:masterUrl</code> * * Path parameter: masterUrl (required) * Kubernetes
Master url
179. **Ehcache (camel-ehcache)** * The ehcache component enables you to perform caching operations using
* Ehcache as cache implementation. * * Category: cache,datagrid,clustering * Since: 2.18 * Maven
coordinates: org.apache.camel:camel-ehcache * * Syntax: <code>ehcache:cacheName</code> * * Path
parameter: cacheName (required) * the cache name

180. **** Saga (camel-saga)** * The saga component provides access to advanced options for managing the * flow in the Saga EIP. **** Category:** core,endpoint **** Since:** 2.21 **** Maven coordinates:** org.apache.camel:camel-saga **** Syntax:** `<code>saga:action</code>` **** Path parameter:** action (required) * Action to execute (complete or compensate)
181. **** Kubernetes Services (camel-kubernetes)** * The Kubernetes Services component provides a producer to execute service * operations and a consumer to consume service events. **** Category:** container,cloud,paas **** Since:** 2.17 **** Maven coordinates:** org.apache.camel:camel-kubernetes **** Syntax:** `<code>kubernetes-services:masterUrl</code>` **** Path parameter:** masterUrl (required) * Kubernetes Master url
182. **** Wordpress (camel-wordpress)** * Integrates Camel with Wordpress. **** Category:** cms **** Since:** 2.21 **** Maven coordinates:** org.apache.camel:camel-wordpress **** Syntax:** `<code>wordpress:operation</code>` **** Path parameter:** operation (required) * The endpoint operation. * The value can be one of: post, user * **** Path parameter:** operationDetail * The second part of an endpoint operation. Needed only when endpoint * semantic is not enough, like wordpress:post:delete * The value can be one of: delete
183. **** Solr (camel-solr)** * The solr component allows you to interface with an Apache Lucene Solr * server. **** Category:** monitoring,search **** Since:** 2.9 **** Maven coordinates:** org.apache.camel:camel-solr **** Syntax:** `<code>solrCloud:url</code>` **** Path parameter:** url (required) * Hostname and port for the solr server
184. **** ChatScript (camel-chatscript)** * Represents a ChatScript endpoint. **** Category:** ai,chatscript **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-chatscript **** Syntax:** `<code>chatscript:host:port/botName</code>` **** Path parameter:** host (required) * Hostname or IP of the server on which CS server is running **** Path parameter:** port * Port on which ChatScript is listening to * Default value: 1024 **** Path parameter:** botName (required) * Name of the Bot in CS to converse with
185. **** AHC Secure Websocket (Secure) (camel-ahc-ws)** * To exchange data with external Websocket servers using Async Http Client. **** Category:** websocket **** Since:** 2.14 **** Maven coordinates:** org.apache.camel:camel-ahc-ws **** Syntax:** `<code>ahc-wss:httpUri</code>` **** Path parameter:** httpUri (required) * The URI to use such as http://hostname:port/path
186. **** Etcd (camel-etcd)** * The camel etcd component allows you to work with Etcd, a distributed * reliable key-value store. **** Category:** clustering,database **** Since:** 2.18 **** Maven coordinates:** org.apache.camel:camel-etcd **** Syntax:** `<code>etcd:namespace/path</code>` **** Path parameter:** namespace (required) * The API namespace to use * The value can be one of: keys, stats, watch **** Path parameter:** path * The path the endpoint refers to
187. **** Debezium SQL Server Connector (camel-debezium-sqlserver)** * Represents a Debezium SQL Server endpoint which is used to capture * changes in SQL Server database so that that applications can see those * changes and respond to them. **** Category:** database,sql,sqlserver **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-debezium-sqlserver **** Syntax:** `<code>debezium-sqlserver:name</code>` **** Path parameter:** name (required) * Unique name for the connector. Attempting to register again with the same * name will fail.
188. **** Spring LDAP (camel-spring-ldap)** * The spring-ldap component allows you to perform searches in LDAP servers * using filters as the message payload. **** Category:** spring,ldap **** Since:** 2.11 **** Maven coordinates:** org.apache.camel:camel-spring-ldap **** Syntax:** `<code>spring-ldap:templateName</code>` **** Path parameter:** templateName (required) * Name of the Spring LDAP Template bean
189. **** AWS 2 Translate (camel-aws2-translate)** * The aws2-translate component is used for managing Amazon Translate **** Category:** cloud,management **** Since:** 3.1 **** Maven coordinates:** org.apache.camel:camel-aws2-translate **** Syntax:** `<code>aws2-translate:label</code>` **** Path parameter:** label (required) * Logical name
190. **** AS2 (camel-as2)** * Component used for transferring data secure and reliable over the * internet using the AS2 protocol. **** Category:** AS2 **** Since:** 2.22 **** Maven coordinates:** org.apache.camel:camel-as2 **** Syntax:** `<code>as2:apiName/methodName</code>` **** Path parameter:** apiName (required) * What kind of operation to perform * The value can be one of: CLIENT, SERVER **** Path parameter:** methodName (required) * What sub operation to use for the selected operation
191. **** Micrometer (camel-micrometer)** * To collect various metrics directly from Camel routes using the * Micrometer library. **** Category:** monitoring **** Since:** 2.22 **** Maven coordinates:** org.apache.camel:camel-micrometer **** Syntax:** `<code>micrometer:metricsType:metricsName</code>` **** Path parameter:** metricsType (required) * Type of metrics **** Path parameter:** metricsName (required) * Name of metrics **** Path parameter:** tags * Tags of metrics
192. **** Servlet (camel-servlet)** * To use a HTTP Servlet as entry for Camel routes when running in a servlet * container. **** Category:** http **** Since:** 2.0 **** Maven coordinates:** org.apache.camel:camel-servlet ******

- Syntax: `<code>servlet:contextPath</code>` * Path parameter: contextPath (required) * The context-path to use
193. * * Zendesk (camel-zendesk) * Allows producing messages to manage Zendesk ticket, user, organization, * etc. * * Category: api,support,cloud * Since: 2.19 * Maven coordinates: org.apache.camel:camel-zendesk * * Syntax: `<code>zendesk:methodName</code>` * Path parameter: methodName (required) * What operation to use
194. * * AWS Simple Workflow (camel-aws-swf) * The aws-swf component is used for managing workflows from Amazon Simple * Workflow. * * Category: cloud,workflow * Since: 2.13 * Maven coordinates: org.apache.camel:camel-aws-swf * * Syntax: `<code>aws-swf:type</code>` * Path parameter: type (required) * Activity or workflow * The value can be one of: activity, workflow
195. * * Ignite Queues (camel-ignite) * The Ignite Queue endpoint is one of camel-ignite endpoints which allows * you to interact with Ignite Queue data structures. * * Category: nosql,cache * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite * * Syntax: `<code>ignite-queue:name</code>` * Path parameter: name (required) * The queue name.
196. * * Kubernetes ConfigMap (camel-kubernetes) * The Kubernetes Configmaps component provides a producer to execute * kubernetes configmap operations. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>kubernetes-config-maps:masterUrl</code>` * Path parameter: masterUrl (required) * Kubernetes Master url
197. * * Elytron (camel-elytron) * Endpoint * * Category: http * Since: 3.1 * Maven coordinates: org.apache.camel:camel-elytron * * Syntax: `<code>elytron:httpURI</code>` * Path parameter: httpURI (required) * The url of the HTTP endpoint to use.
198. * * APNS (camel-apns) * For sending notifications to Apple iOS devices. * * Category: eventbus,mobile * Since: 2.8 * Maven coordinates: org.apache.camel:camel-apns * * Syntax: `<code>apns:name</code>` * Path parameter: name * Name of the endpoint
199. * * Chunk (camel-chunk) * Transforms the message using a Chunk template. * * Category: transformation * Since: 2.15 * Maven coordinates: org.apache.camel:camel-chunk * * Syntax: `<code>chunk:resourceUri</code>` * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
200. * * JOLT (camel-jolt) * The jolt component allows you to process a JSON messages using an JOLT * specification (such as JSON-JSON transformation). * * Category: transformation * Since: 2.16 * Maven coordinates: org.apache.camel:camel-jolt * * Syntax: `<code>jolt:resourceUri</code>` * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
201. * * File (camel-file) * The file component is used for reading or writing files. * * Category: core,file * Since: 1.0 * Maven coordinates: org.apache.camel:camel-file * * Syntax: `<code>file:directoryName</code>` * Path parameter: directoryName (required) * The starting directory
202. * * Atomix Map (camel-atomix) * The atomix-map component is used to access Atomix's distributed map. * * Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix * * Syntax: `<code>atomix-map:resourceName</code>` * Path parameter: resourceName (required) * The distributed resource name
203. * * OpenStack Neutron (camel-openstack) * The openstack-neutron component allows messages to be sent to an * OpenStack network services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates: org.apache.camel:camel-openstack * * Syntax: `<code>openstack-neutron:host</code>` * Path parameter: host (required) * OpenStack host url
204. * * OptaPlanner (camel-optaplanner) * Solves the planning problem contained in a message with OptaPlanner. * * Category: engine,planning * Since: 2.13 * Maven coordinates: org.apache.camel:camel-optaplanner * * Syntax: `<code>optaplanner:configFile</code>` * Path parameter: configFile (required) * Specifies the location to the solver file
205. * * Dropbox (camel-dropbox) * For uploading, downloading and managing files, folders, groups, * collaborations, etc on dropbox DOT com. * * Category: api,file * Since: 2.14 * Maven coordinates: org.apache.camel:camel-dropbox * * Syntax: `<code>dropbox:operation</code>` * Path parameter: operation (required) * The specific action (typically is a CRUD action) to perform on Dropbox * remote folder. * The value can be one of: put, del, search, get, move

206. **** Atomix Value (camel-atomix)** * The atomix-value component is used to access Atomix's distributed value. **** Category:** clustering **** Since:** 2.20 **** Maven coordinates:** org.apache.camel:camel-atomix **** Syntax:** `<code>atomix-value:resourceName</code>` **** Path parameter:** resourceName (required) * The distributed resource name
207. **** Lucene (camel-lucene)** * To insert or query from Apache Lucene databases. **** Category:** database,search **** Since:** 2.2 **** Maven coordinates:** org.apache.camel:camel-lucene **** Syntax:** `<code>lucene:host:operation</code>` **** Path parameter:** host (required) * The URL to the lucene server **** Path parameter:** operation (required) * Operation to do such as insert or query. * The value can be one of: insert, query
208. **** Mina (camel-mina)** * Socket level networking using TCP or UDP with the Apache Mina 2.x * library. **** Category:** networking,tcp,udp **** Since:** 2.10 **** Maven coordinates:** org.apache.camel:camel-mina **** Syntax:** `<code>mina:protocol:host:port</code>` **** Path parameter:** protocol (required) * Protocol to use **** Path parameter:** host (required) * Hostname to use. Use localhost or 0.0.0.0 for local server as consumer. * For producer use the hostname or ip address of the remote server. **** Path parameter:** port (required) * Port number
209. **** Caffeine LoadCache (camel-caffeine)** * The caffeine-loadcache component is used for integration with Caffeine * Load Cache. **** Category:** cache,datagrid,clustering **** Since:** 2.20 **** Maven coordinates:** org.apache.camel:camel-caffeine **** Syntax:** `<code>caffeine-loadcache:cacheName</code>` **** Path parameter:** cacheName (required) * the cache name
210. **** SCP (camel-jsch)** * To copy files using the secure copy protocol (SCP). **** Category:** file **** Since:** 2.10 **** Maven coordinates:** org.apache.camel:camel-jsch **** Syntax:** `<code>scp:host:port:directoryName</code>` **** Path parameter:** host (required) * Hostname of the FTP server **** Path parameter:** port * Port of the FTP server **** Path parameter:** directoryName * The starting directory
211. **** Schematron (camel-schematron)** * Validates the payload of a message using the Schematron Library. **** Category:** validation **** Since:** 2.15 **** Maven coordinates:** org.apache.camel:camel-schematron **** Syntax:** `<code>schematron:path</code>` **** Path parameter:** path (required) * The path to the schematron rules file. Can either be in class path or * location in the file system.
212. **** AWS DynamoDB (camel-aws-ddb)** * The aws-ddb component is used for storing and retrieving data from * Amazon's DynamoDB service. **** Category:** cloud,database,nosql **** Since:** 2.10 **** Maven coordinates:** org.apache.camel:camel-aws-ddb **** Syntax:** `<code>aws-ddb:tableName</code>` **** Path parameter:** tableName (required) * The name of the table currently worked with.
213. **** AWS DynamoDB Streams (camel-aws-ddb)** * The aws-ddbstream component is used for working with Amazon DynamoDB * Streams. **** Category:** cloud,messaging,streams **** Since:** 2.17 **** Maven coordinates:** org.apache.camel:camel-aws-ddb **** Syntax:** `<code>aws-ddbstream:tableName</code>` **** Path parameter:** tableName (required) * Name of the dynamodb table
214. **** Tika (camel-tika)** * This component integrates with Apache Tika to extract content and * metadata from thousands of file types. **** Category:** document,transformation **** Since:** 2.19 **** Maven coordinates:** org.apache.camel:camel-tika **** Syntax:** `<code>tika:operation</code>` **** Path parameter:** operation (required) * Tika Operation - parse or detect * The value can be one of: parse, detect
215. **** Twitter Timeline (camel-twitter)** * The Twitter Timeline component consumes twitter timeline or update the * status of specific user. **** Category:** api,social **** Since:** 2.10 **** Maven coordinates:** org.apache.camel:camel-twitter **** Syntax:** `<code>twitter-timeline:timelineType</code>` **** Path parameter:** timelineType (required) * The timeline type to produce/consume. * The value can be one of: PUBLIC, HOME, USER, MENTIONS, RETWEETSOFME, * UNKNOWN
216. **** Direct (camel-direct)** * The direct component provides direct, synchronous call to another * endpoint from the same CamelContext. **** Category:** core,endpoint **** Since:** 1.0 **** Maven coordinates:** org.apache.camel:camel-direct **** Syntax:** `<code>direct:name</code>` **** Path parameter:** name (required) * Name of direct endpoint
217. **** AWS Simple Notification System (camel-aws-sns)** * The aws-sns component is used for sending messages to an Amazon Simple * Notification Topic. **** Category:** cloud,mobile,messaging **** Since:** 2.8 **** Maven coordinates:** org.apache.camel:camel-aws-sns **** Syntax:** `<code>aws-sns:topicNameOrArn</code>` **** Path parameter:** topicNameOrArn (required) * Topic name or ARN
218. **** SMTP (camel-mail)** * To send or receive emails using imap/pop3 or smtp protocols. **** Category:** mail **** Since:** 1.0 **** Maven coordinates:** org.apache.camel:camel-mail **** Syntax:** `<code>smtp:host:port</code>` **** Path parameter:** host (required) * The mail server host name **** Path parameter:** port * The port number of the mail server
219. **** Spring Event (camel-spring)** * The spring-event component allows to listen for Spring Application * Events. **** Category:** spring,eventbus **** Since:** 1.4 **** Maven coordinates:** org.apache.camel:camel-spring

- ** Syntax:** `<code>spring-event:name</code> ** Path parameter: name * Name of endpoint`
220. **** Guava EventBus (camel-guava-eventbus)** *** The guava-eventbus component provides integration bridge between Camel * and Google Guava EventBus.** **** Category:** eventbus *** Since:** 2.10 *** Maven coordinates:** org.apache.camel:camel-guava-eventbus **** Syntax:** `<code>guava-eventbus:eventBusRef</code>` **** Path parameter:** eventBusRef *** To lookup the Guava EventBus from the registry with the given name**
221. **** AWS Simple Queue Service (camel-aws-sqs)** *** The aws-sqs component is used for sending and receiving messages to * Amazon's SQS service.** **** Category:** cloud,messaging *** Since:** 2.6 *** Maven coordinates:** org.apache.camel:camel-aws-sqs **** Syntax:** `<code>aws-sqs:queueNameOrArn</code>` **** Path parameter:** queueNameOrArn (required) *** Queue name or ARN**
222. **** Lumberjack (camel-lumberjack)** *** The lumberjack retrieves logs sent over the network using the Lumberjack * protocol.** **** Category:** log *** Since:** 2.18 *** Maven coordinates:** org.apache.camel:camel-lumberjack **** Syntax:** `<code>lumberjack:host:port</code>` **** Path parameter:** host (required) *** Network interface on which to listen for Lumberjack ** Path parameter:** port *** Network port on which to listen for Lumberjack * Default value:** 5044
223. **** Ref (camel-ref)** *** The ref component is used for lookup of existing endpoints bound in the * Registry.** **** Category:** core,endpoint *** Since:** 1.2 *** Maven coordinates:** org.apache.camel:camel-ref **** Syntax:** `<code>ref:name</code>` **** Path parameter:** name (required) *** Name of endpoint to lookup in the registry.**
224. **** AMQP (camel-amqp)** *** Messaging with AMQP protocol using Apache QPid Client.** **** Category:** messaging *** Since:** 1.2 *** Maven coordinates:** org.apache.camel:camel-amqp **** Syntax:** `<code>amqp:destinationType:destinationName</code>` **** Path parameter:** destinationType *** The kind of destination to use * Default value:** queue *** The value can be one of: queue, topic, temp-queue, temp-topic ** Path parameter:** destinationName (required) *** Name of the queue or topic to use as destination**
225. **** XSLT (camel-xslt)** *** Transforms the message using a XSLT template.** **** Category:** core,transformation *** Since:** 1.3 *** Maven coordinates:** org.apache.camel:camel-xslt **** Syntax:** `<code>xslt:resourceUri</code>` **** Path parameter:** resourceUri (required) *** Path to the template. The following is supported by the default * URIResolver. You can prefix with: classpath, file, http, ref, or bean. * classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod**
226. **** Nagios (camel-nagios)** *** To send passive checks to Nagios using JSendNSCA.** **** Category:** monitoring *** Since:** 2.3 *** Maven coordinates:** org.apache.camel:camel-nagios **** Syntax:** `<code>nagios:host:port</code>` **** Path parameter:** host (required) *** This is the address of the Nagios host where checks should be send. ** Path parameter:** port (required) *** The port number of the host.**
227. **** POP3 (camel-mail)** *** To send or receive emails using imap/pop3 or smtp protocols.** **** Category:** mail *** Since:** 1.0 *** Maven coordinates:** org.apache.camel:camel-mail **** Syntax:** `<code>pop3:host:port</code>` **** Path parameter:** host (required) *** The mail server host name ** Path parameter:** port *** The port number of the mail server**
228. **** ElSQL (camel-elsql)** *** The elsql component is an extension to the existing SQL Component that * uses ElSql to define the SQL queries.** **** Category:** database,sql *** Since:** 2.16 *** Maven coordinates:** org.apache.camel:camel-elsql **** Syntax:** `<code>elsql:elsqlName:resourceUri</code>` **** Path parameter:** elsqlName (required) *** The name of the elsql to use (is NAMED in the elsql file) ** Path parameter:** resourceUri *** The resource file which contains the elsql SQL statements to use. You can * specify multiple resources separated by comma. The resources are loaded * on the classpath by default, you can prefix with file: to load from file * system. Notice you can set this option on the component and then you do * not have to configure this on the endpoint.**
229. **** Ganglia (camel-ganglia)** *** The ganglia component is used for sending metrics to the Ganglia * monitoring system.** **** Category:** monitoring *** Since:** 2.15 *** Maven coordinates:** org.apache.camel:camel-ganglia **** Syntax:** `<code>ganglia:host:port</code>` **** Path parameter:** host *** Host name for Ganglia server * Default value:** 239.2.11.71 **** Path parameter:** port *** Port for Ganglia server * Default value:** 8649
230. **** MVEL (camel-mvel)** *** Transforms the message using a MVEL template.** **** Category:** transformation,script *** Since:** 2.12 *** Maven coordinates:** org.apache.camel:camel-mvel **** Syntax:** `<code>mvel:resourceUri</code>` **** Path parameter:** resourceUri (required) *** Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.**

231. **AHC (camel-ahc)** * To call external HTTP services using Async Http Client. **Category:** http **Since:** 2.8 **Maven coordinates:** org.apache.camel:camel-ahc **Syntax:** `ahc:httpUri` **Path parameter:** httpUri (required) * The URI to use such as http://hostname:port/path
232. **AWS Translate (camel-aws-translate)** * The aws-translate component is used for managing Amazon Translate **Category:** cloud,management **Since:** 3.0 **Maven coordinates:** org.apache.camel:camel-aws-translate **Syntax:** `aws-translate:label` **Path parameter:** label (required) * Logical name
233. **Kubernetes Secrets (camel-kubernetes)** * The Kubernetes Secrets component provides a producer to execute kubernetes secret operations. **Category:** container,cloud,paas **Since:** 2.17 **Maven coordinates:** org.apache.camel:camel-kubernetes **Syntax:** `kubernetes-secrets:masterUrl` **Path parameter:** masterUrl (required) * Kubernetes Master url
234. **Webhook (camel-webhook)** * The webhook component allows other Camel components that can receive push notifications to expose webhook endpoints and automatically register them with their own webhook provider. **Category:** cloud **Since:** 3.0 **Maven coordinates:** org.apache.camel:camel-webhook **Syntax:** `webhook:endpointUri` **Path parameter:** endpointUri * The delegate uri. Must belong to a component that supports webhooks.
235. **Weather (camel-weather)** * Polls the weather information from Open Weather Map. **Category:** api **Since:** 2.12 **Maven coordinates:** org.apache.camel:camel-weather **Syntax:** `weather:name` **Path parameter:** name (required) * The name value is not used.
236. **ZooKeeper Master (camel-zookeeper-master)** * Represents an endpoint which only becomes active when it obtains the master lock **Category:** clustering **Since:** 2.19 **Maven coordinates:** org.apache.camel:camel-zookeeper-master **Syntax:** `zookeeper-master:groupName:consumerEndpointUri` **Path parameter:** groupName (required) * The name of the cluster group to use **Path parameter:** consumerEndpointUri (required) * The consumer endpoint to use in master/slave mode
237. **Ignite Messaging (camel-ignite)** * The Ignite Messaging endpoint is one of camel-ignite endpoints which allows you to send and consume messages from an Ignite topic. **Category:** nosql,cache,messaging **Since:** 2.17 **Maven coordinates:** org.apache.camel:camel-ignite **Syntax:** `ignite-messaging:topic` **Path parameter:** topic (required) * The topic name.
238. **Spring Redis (camel-spring-redis)** * The spring-redis component allows sending and receiving messages from Redis. **Category:** spring,nosql **Since:** 2.11 **Maven coordinates:** org.apache.camel:camel-spring-redis **Syntax:** `spring-redis:host:port` **Path parameter:** host (required) * The host where Redis server is running. **Path parameter:** port (required) * Redis server port number
239. **Braintree (camel-braintree)** * The braintree component is used for integrating with the Braintree Payment System. **Category:** api,cloud,payment **Since:** 2.17 **Maven coordinates:** org.apache.camel:camel-braintree **Syntax:** `braintree:apiName/methodName` **Path parameter:** apiName (required) * What kind of operation to perform * The value can be one of: ADDON, ADDRESS, CLIENTTOKEN, CREDITCARDVERIFICATION, CUSTOMER, DISCOUNT, DISPUTE, DOCUMENTUPLOAD, MERCHANTACCOUNT, PAYMENTMETHOD, PAYMENTMETHODNONCE, PLAN, REPORT, SETTLEMENTBATCHSUMMARY, SUBSCRIPTION, TRANSACTION, WEBHOOKNOTIFICATION **Path parameter:** methodName * What sub operation to use for the selected operation
240. **Netty (camel-netty)** * Socket level networking using TCP or UDP with the Netty 4.x library. **Category:** networking,tcp,udp **Since:** 2.14 **Maven coordinates:** org.apache.camel:camel-netty **Syntax:** `netty:protocol:host:port` **Path parameter:** protocol (required) * The protocol to use which can be tcp or udp. * The value can be one of: tcp, udp **Path parameter:** host (required) * The hostname. For the consumer the hostname is localhost or 0.0.0.0. For the producer the hostname is the remote host to connect to **Path parameter:** port (required) * The host port number
241. **Class (camel-bean)** * The Class component is for invoking Java classes (Java beans) from Camel. **Category:** core,java **Since:** 2.4 **Maven coordinates:** org.apache.camel:camel-bean **Syntax:** `class:beanName` **Path parameter:** beanName (required) * Sets the name of the bean to invoke
242. **Jetty Websocket (camel-websocket)** * The websocket component provides websocket endpoints with Jetty for communicating with clients using websocket. **Category:** websocket **Since:** 2.10 **Maven coordinates:** org.apache.camel:camel-websocket **Syntax:** `websocket:host:port/resourceUri` **Path parameter:** host * The hostname. The default value is 0.0.0.0. Setting this option on the component will use the component configured value as default. **Default value:** 0.0.0.0 **Path parameter:** port * The port number. The default value is 9292.

- Setting this option on the * component will use the component configured value as default. * Default value: 9292 * * Path parameter: resourceUri (required) * Name of the websocket channel to use
243. * * JOOQ (camel-jooq) * The jooq component enables you to store and retrieve entities from * databases using JOOQ * * Category: database * Since: 3.0 * Maven coordinates: org.apache.camel:camel-jooq * * Syntax: `<code>jooq:entityType</code>` * * Path parameter: entityType * JOOQ entity class
244. * * AWS MSK (camel-aws-msk) * The aws-msk is used for managing Amazon MSK * * Category: cloud,management * Since: 3.0 * Maven coordinates: org.apache.camel:camel-aws-msk * * Syntax: `<code>aws-msk:label</code>` * * Path parameter: label (required) * Logical name
245. * * JGroups (camel-jgroups) * The jgroups component provides exchange of messages between Camel and * JGroups clusters. * * Category: clustering,messaging * Since: 2.13 * Maven coordinates: org.apache.camel:camel-jgroups * * Syntax: `<code>jgroups:clusterName</code>` * * Path parameter: clusterName (required) * The name of the JGroups cluster the component should connect to.
246. * * DNS (camel-dns) * To lookup domain information and run DNS queries using DNSJava. * * Category: networking * Since: 2.7 * Maven coordinates: org.apache.camel:camel-dns * * Syntax: `<code>dns:dnsType</code>` * * Path parameter: dnsType (required) * The type of the lookup. * The value can be one of: dig, ip, lookup, wikipedia
247. * * Log (camel-log) * The log component logs message exchanges to the underlying logging * mechanism. * * Category: core,monitoring * Since: 1.1 * Maven coordinates: org.apache.camel:camel-log * * Syntax: `<code>log:loggerName</code>` * * Path parameter: loggerName (required) * The logger name to use
248. * * FHIR (camel-fhir) * The fhir component is used for working with the FHIR protocol (health * care). * * Category: hl7,api * Since: 2.23 * Maven coordinates: org.apache.camel:camel-fhir * * Syntax: `<code>fhir:apiName/methodName</code>` * * Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: capabilities, create, delete, history, * load-page, meta, patch, read, search, transaction, update, validate * * Path parameter: methodName (required) * What sub operation to use for the selected operation
249. * * Gora (camel-gora) * The gora component allows you to work with NoSQL databases using the * Apache Gora framework. * * Category: database,hadoop,nosql * Since: 2.14 * Maven coordinates: org.apache.camel:camel-gora * * Syntax: `<code>gora:name</code>` * * Path parameter: name (required) * Instance name
250. * * AWS EKS (camel-aws-eks) * The aws-eks is used for managing Amazon EKS * * Category: cloud,management * Since: 3.0 * Maven coordinates: org.apache.camel:camel-aws-eks * * Syntax: `<code>aws-eks:label</code>` * * Path parameter: label (required) * Logical name
251. * * SMPP (Secure) (camel-smpp) * To send and receive SMS using a SMSC (Short Message Service Center). * * Category: mobile * Since: 2.2 * Maven coordinates: org.apache.camel:camel-smpp * * Syntax: `<code>smpps:host:port</code>` * * Path parameter: host * Hostname for the SMSC server to use. * Default value: localhost * * Path parameter: port * Port number for the SMSC server to use. * Default value: 2775
252. * * Simple JMS2 (camel-sjms2) * The sjms2 component (simple jms) allows messages to be sent to (or * consumed from) a JMS Queue or Topic (uses JMS 2.x API). * * Category: messaging * Since: 2.19 * Maven coordinates: org.apache.camel:camel-sjms2 * * Syntax: `<code>sjms2:destinationType:destinationName</code>` * * Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic * * Path parameter: destinationName (required) * DestinationName is a JMS queue or topic name. By default, the * destinationName is interpreted as a queue name.
253. * * CouchDB (camel-couchdb) * The couchdb component is used for integrate with CouchDB databases. * * Category: database,nosql * Since: 2.11 * Maven coordinates: org.apache.camel:camel-couchdb * * Syntax: `<code>couchdb:protocol:hostname:port/database</code>` * * Path parameter: protocol (required) * The protocol to use for communicating with the database. * The value can be one of: http, https * * Path parameter: hostname (required) * Hostname of the running couchdb instance * * Path parameter: port * Port number for the running couchdb instance * Default value: 5984 * * Path parameter: database (required) * Name of the database to use
254. * * PostgreSQL Event (camel-pgevent) * The pgevent component allows for producing/consuming PostgreSQL events * related to the listen/notify commands. * * Category: database,sql * Since: 2.15 * Maven coordinates: org.apache.camel:camel-pgevent * * Syntax: `<code>pgevent:host:port/database/channel</code>` * * Path parameter: host * To connect using hostname and port to the database. * Default value: localhost * * Path parameter: port * To connect using hostname and port to the database. * Default value: 5432 * * Path parameter: database (required) * The database name * * Path parameter: channel (required) * The channel name

255. **Olingo2 (camel-olingo2)** * Communicates with OData 2.0 services using Apache Olingo. *
Category: cloud * Since: 2.14 * Maven coordinates: org.apache.camel:camel-olingo2 * Syntax:
<code>olingo2:apiName/methodName</code> * Path parameter: apiName (required) * What kind of
operation to perform * The value can be one of: DEFAULT * Path parameter: methodName (required) *
What sub operation to use for the selected operation
256. **CometD (camel-cometd)** * The cometd component is a transport for working with the Jetty *
implementation of the cometd/bayeux protocol. * Category: websocket * Since: 2.0 * Maven
coordinates: org.apache.camel:camel-cometd * Syntax: <code>cometd:host:port/channelName</code>
* Path parameter: host (required) * Hostname * Path parameter: port (required) * Host port number *
* Path parameter: channelName (required) * The channelName represents a topic that can be subscribed
to by the Camel * endpoints.
257. **Google BigQuery (camel-google-bigquery)** * Google BigQuery data warehouse for analytics. *
Category: cloud,messaging * Since: 2.20 * Maven coordinates: org.apache.camel:camel-google-bigquery
* Syntax: <code>google-bigquery:projectId:datasetId:tableId</code> * Path parameter: projectId
(required) * Google Cloud Project Id * Path parameter: datasetId (required) * BigQuery Dataset Id *
Path parameter: tableId * BigQuery table id
258. **Ignite Events (camel-ignite)** * The Ignite Events endpoint is one of camel-ignite endpoints which
allows * you to receive events from the Ignite cluster by creating a local event * listener. * Category:
nosql,cache,compute,messaging,data * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite *
* Syntax: <code>ignite-events:endpointId</code> * Path parameter: endpointId * The endpoint ID (not
used).
259. **AHC Websocket (camel-ahc-ws)** * To exchange data with external Websocket servers using Async
Http Client. * Category: websocket * Since: 2.14 * Maven coordinates: org.apache.camel:camel-ahc-ws
* Syntax: <code>ahc-ws:httpUri</code> * Path parameter: httpUri (required) * The URI to use such
as http://hostname:port/path
260. **Kubernetes Persistent Volume Claim (camel-kubernetes)** * The Kubernetes Persistent Volumes
Claims component provides a producer to * execute kubernetes persistent volume claim operations. *
Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes *
* Syntax: <code>kubernetes-persistent-volumes-claims:masterUrl</code> * Path parameter: masterUrl
(required) * Kubernetes Master url
261. **Solr (camel-solr)** * The solr component allows you to interface with an Apache Lucene Solr * server.
* Category: monitoring,search * Since: 2.9 * Maven coordinates: org.apache.camel:camel-solr *
Syntax: <code>solr:url</code> * Path parameter: url (required) * Hostname and port for the solr server
262. **SIP (camel-sip)** * To send and receive messages using the SIP protocol (used in telco and * mobile). *
* Category: mobile * Since: 2.5 * Maven coordinates: org.apache.camel:camel-sip * Syntax:
<code>sip:uri</code> * Path parameter: uri (required) * URI of the SIP server to connect to (the
username and password can be * included such as: john:secretmyserver:9999)
263. **DataSet Test (camel-dataset)** * The dataset-test component extends the mock component by on startup
to * pull messages from another endpoint to set the expected message bodies. * Category: core,testing *
Since: 1.3 * Maven coordinates: org.apache.camel:camel-dataset * Syntax: <code>dataset-
test:name</code> * Path parameter: name (required) * Name of endpoint to lookup in the registry to
use for polling messages * used for testing
264. **Service (camel-service)** * Represents an endpoint which is registered to a Service Registry such as *
Consul, Etc. * Category: cloud * Since: 2.22 * Maven coordinates: org.apache.camel:camel-service *
* Syntax: <code>service:delegateUri</code> * Path parameter: delegateUri (required) * The endpoint
uri to expose as service
265. **OpenStack Nova (camel-openstack)** * The openstack-nova component allows messages to be sent to
an OpenStack * compute services. * Category: cloud,paas * Since: 2.19 * Maven coordinates:
org.apache.camel:camel-openstack * Syntax: <code>openstack-nova:host</code> * Path parameter:
host (required) * OpenStack host url
266. **Timer (camel-timer)** * The timer component is used for generating message exchanges when a timer *
fires. * Category: core,scheduling * Since: 1.0 * Maven coordinates: org.apache.camel:camel-timer *
Syntax: <code>timer:timerName</code> * Path parameter: timerName (required) * The name of the
timer
267. **Asterisk (camel-asterisk)** * The asterisk component is used to interact with Asterisk PBX Server. *
Category: voip * Since: 2.18 * Maven coordinates: org.apache.camel:camel-asterisk * Syntax:
<code>asterisk:name</code> * Path parameter: name (required) * Logical name
268. **Docker (camel-docker)** * The docker component is used for managing Docker containers. *
Category: container,cloud,paas * Since: 2.15 * Maven coordinates: org.apache.camel:camel-docker *

- Syntax: `<code>docker:operation</code>`
- * Path parameter: operation (required)
 - * Which operation to use
 - * The value can be one of: events, stats, auth, info, ping, version, imagebuild, imagecreate, imageinspect, imagelist, imagepull, imagepush, imageremove, imagesearch, imagetag, containerattach, containercommit, containercopyfile, containercreate, containerdiffinspectcontainer, containerkill, containerlist, containerlog, containerpause, containerrestart, containerremove, containerstart, containerstop, containertop, containerunpause, containerwait, execcreate, execstart
269. * * Twitter Direct Message (camel-twitter) * The Twitter Direct Message Component consumes/produces user's direct messages.
 - * Category: api,social
 - * Since: 2.10
 - * Maven coordinates: org.apache.camel:camel-twitter
 - * Syntax: `<code>twitter-directmessage:user</code>`
 - * Path parameter: user (required)
 - * The user name to send a direct message. This will be ignored for consumer.
 270. * * Ignite ID Generator (camel-ignite) * The Ignite ID Generator endpoint is one of camel-ignite endpoints which allows you to interact with Ignite Atomic Sequences and ID Generators.
 - * Category: nosql,cache,compute
 - * Since: 2.17
 - * Maven coordinates: org.apache.camel:camel-ignite
 - * Syntax: `<code>ignite-idgen:name</code>`
 - * Path parameter: name (required)
 - * The sequence name.
 271. * * AWS MQ (camel-aws-mq) * The aws-mq is used for managing Amazon MQ instances.
 - * Category: cloud,management
 - * Since: 2.21
 - * Maven coordinates: org.apache.camel:camel-aws-mq
 - * Syntax: `<code>aws-mq:label</code>`
 - * Path parameter: label (required)
 - * Logical name
 272. * * CoAP (camel-coap) * The coap component is used for sending and receiving messages from COAP capable devices.
 - * Category: iot
 - * Since: 2.16
 - * Maven coordinates: org.apache.camel:camel-coap
 - * Syntax: `<code>coaps+tcp:uri</code>`
 - * Path parameter: uri
 - * The URI for the CoAP endpoint
 273. * * Openshift Builds (camel-kubernetes) * The Openshift Builds component provides a producer to execute openshift build operations.
 - * Category: container,cloud,paas
 - * Since: 2.17
 - * Maven coordinates: org.apache.camel:camel-kubernetes
 - * Syntax: `<code>openshift-builds:masterUrl</code>`
 - * Path parameter: masterUrl (required)
 - * Kubernetes Master url
 274. * * Stomp (camel-stomp) * The stomp component is used for communicating with Stomp compliant message brokers.
 - * Category: messaging
 - * Since: 2.12
 - * Maven coordinates: org.apache.camel:camel-stomp
 - * Syntax: `<code>stomp:destination</code>`
 - * Path parameter: destination (required)
 - * Name of the queue
 275. * * AWS ECS (camel-aws-ecs) * The aws-ecs is used for managing Amazon ECS
 - * Category: cloud,management
 - * Since: 3.0
 - * Maven coordinates: org.apache.camel:camel-aws-ecs
 - * Syntax: `<code>aws-ecs:label</code>`
 - * Path parameter: label (required)
 - * Logical name
 276. * * FTPS (camel-ftp) * The ftps (FTP secure SSL/TLS) component is used for uploading or downloading files from FTP servers.
 - * Category: file
 - * Since: 2.2
 - * Maven coordinates: org.apache.camel:camel-ftp
 - * Syntax: `<code>ftps:host:port/directoryName</code>`
 - * Path parameter: host (required)
 - * Hostname of the FTP server
 - * Path parameter: port
 - * Port of the FTP server
 - * Path parameter: directoryName
 - * The starting directory
 277. * * Grape (camel-grape) * The grape component allows you to fetch, load and manage additional jars when CamelContext is running.
 - * Category: management,deployment
 - * Since: 2.16
 - * Maven coordinates: org.apache.camel:camel-grape
 - * Syntax: `<code>grape:defaultCoordinates</code>`
 - * Path parameter: defaultCoordinates (required)
 - * Maven coordinates to use as default to grab if the message body is empty.
 278. * * VM (camel-vm) * The vm component provides asynchronous call to another endpoint from the same CamelContext.
 - * Category: core,endpoint
 - * Since: 1.1
 - * Maven coordinates: org.apache.camel:camel-vm
 - * Syntax: `<code>vm:name</code>`
 - * Path parameter: name (required)
 - * Name of queue
 279. * * Disruptor VM (camel-disruptor) * The disruptor component provides asynchronous SEDA behavior using LMAX Disruptor.
 - * Category: endpoint
 - * Since: 2.12
 - * Maven coordinates: org.apache.camel:camel-disruptor
 - * Syntax: `<code>disruptor-vm:name</code>`
 - * Path parameter: name (required)
 - * Name of queue
 280. * * PDF (camel-pdf) * The pdf components provides the ability to create, modify or extract content from PDF documents.
 - * Category: document,transformation,printing
 - * Since: 2.16
 - * Maven coordinates: org.apache.camel:camel-pdf
 - * Syntax: `<code>pdf:operation</code>`
 - * Path parameter: operation (required)
 - * Operation type
 - * The value can be one of: create, append, extractText
 281. * * Atom (camel-atom) * The atom component is used for consuming Atom RSS feeds.
 - * Category: rss
 - * Since: 1.2
 - * Maven coordinates: org.apache.camel:camel-atom
 - * Syntax: `<code>atom:feedUri</code>`
 - * Path parameter: feedUri (required)
 - * The URI to the feed to poll.
 282. * * GitHub (camel-github) * The github component is used for integrating Camel with github.
 - * Category: api,file
 - * Since: 2.15
 - * Maven coordinates: org.apache.camel:camel-github
 - * Syntax: `<code>github:type/branchName</code>`
 - * Path parameter: type (required)
 - * What git operation to

- execute * The value can be one of: CLOSEPULLREQUEST, PULLREQUESTCOMMENT, COMMIT, * PULLREQUEST, TAG, PULLREQUESTSTATE, PULLREQUESTFILES, GETCOMMITFILE, * CREATEISSUE * * Path parameter: branchName * Name of branch
283. * * RSS (camel-rss) * The rss component is used for consuming RSS feeds. * * Category: rss * Since: 2.0 * Maven coordinates: org.apache.camel:camel-rss * * Syntax: `<code>rss:feedUri</code>` * * Path parameter: feedUri (required) * The URI to the feed to poll.
284. * * Geocoder (camel-geocoder) * The geocoder component is used for looking up geocodes (latitude and * longitude) for a given address, or reverse lookup. * * Category: api,location * Since: 2.12 * Maven coordinates: org.apache.camel:camel-geocoder * * Syntax: `<code>geocoder:address:latlng</code>` * * Path parameter: address * The geo address which should be prefixed with address: * * Path parameter: latlng * The geo latitude and longitude which should be prefixed with latlng:
285. * * Slack (camel-slack) * The slack component allows you to send messages to Slack. * * Category: social * Since: 2.16 * Maven coordinates: org.apache.camel:camel-slack * * Syntax: `<code>slack:channel</code>` * * Path parameter: channel (required) * The channel name (syntax #name) or slackuser (syntax userName) to send a * message directly to an user.
286. * * JSON Schema Validator (camel-json-validator) * Validates the payload of a message using NetworkNT JSON Schema library. * * Category: validation * Since: 2.20 * Maven coordinates: org.apache.camel:camel-json-validator * * Syntax: `<code>json-validator:resourceUri</code>` * * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
287. * * SFTP (camel-ftp) * The sftp (FTP over SSH) component is used for uploading or downloading * files from SFTP servers. * * Category: file * Since: 1.1 * Maven coordinates: org.apache.camel:camel-ftp * * Syntax: `<code>sftp:host:port:directoryName</code>` * * Path parameter: host (required) * Hostname of the FTP server * * Path parameter: port * Port of the FTP server * * Path parameter: directoryName * The starting directory
288. * * IPFS (camel-ipfs) * The camel-ipfs component provides access to the Interplanetary File * System (IPFS). * * Category: file,ipfs * Since: 2.23 * Maven coordinates: org.apache.camel:camel-ipfs * * Syntax: `<code>ipfs:ipfsCmd</code>` * * Path parameter: ipfsCmd (required) * The ipfs command * The value can be one of: add, cat, get, version
289. * * Google Drive (camel-google-drive) * The google-drive component provides access to Google Drive file storage * service. * * Category: api,cloud,file * Since: 2.14 * Maven coordinates: org.apache.camel:camel-google-drive * * Syntax: `<code>google-drive:apiName/methodName</code>` * * Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: drive-about, drive-apps, drive-changes, * drive-channels, drive-children, drive-comments, drive-files, * drive-parents, drive-permissions, drive-properties, drive-realtime, * drive-replies, drive-revisions * * Path parameter: methodName (required) * What sub operation to use for the selected operation * The value can be one of: copy, delete, get, getIdForEmail, insert, list, * patch, stop, touch, trash, untrash, update, watch
290. * * Control Bus (camel-controlbus) * The controlbus component provides easy management of Camel applications * based on the Control Bus EIP pattern. * * Category: core,monitoring * Since: 2.11 * Maven coordinates: org.apache.camel:camel-controlbus * * Syntax: `<code>controlbus:command:language</code>` * * Path parameter: command (required) * Command can be either route or language * The value can be one of: route, language * * Path parameter: language * Allows you to specify the name of a Language to use for evaluating the * message body. If there is any result from the evaluation, then the result * is put in the message body. * The value can be one of: bean, constant, el, exchangeProperty, file, * groovy, header, jsonpath, mvel, ognl, ref, simple, spel, sql, terser, * tokenize, xpath, xquery, xtokenize
291. * * Browse (camel-browse) * The browse component is used for viewing the messages received on * endpoints that supports BrowsableEndpoint. * * Category: core,monitoring * Since: 1.3 * Maven coordinates: org.apache.camel:camel-browse * * Syntax: `<code>browse:name</code>` * * Path parameter: name (required) * A name which can be any string to uniquely identify the endpoint
292. * * MyBatis Bean (camel-mybatis) * Performs a query, insert, update or delete in a relational database using * MyBatis. * * Category: database,sql * Since: 2.22 * Maven coordinates: org.apache.camel:camel-mybatis * * Syntax: `<code>mybatis-bean:beanName:methodName</code>` * * Path parameter: beanName (required) * Name of the bean with the MyBatis annotations. This can either by a type * alias or a FQN class name. * * Path parameter: methodName (required) * Name of the method on the bean that has the SQL query to be executed.

293. ** JPA (camel-jpa) * The jpa component enables you to store and retrieve Java objects from * databases using JPA. ** Category: database,sql * Since: 1.0 * Maven coordinates: org.apache.camel:camel-jpa ** Syntax: `<code>jpa:entityType</code>` ** Path parameter: entityType (required) * The JPA annotated class to use as entity.
294. ** IOTA (camel-iota) * Component for integrate IOTA DLT ** Category: ledger * Since: 2.23 * Maven coordinates: org.apache.camel:camel-iota ** Syntax: `<code>iota:name</code>` ** Path parameter: name (required) * Component name
295. ** OSGi EventAdmin (camel-eventadmin) * The eventadmin component can be used in an OSGi environment to receive * OSGi EventAdmin events and process them. ** Category: eventbus * Since: 2.6 * Maven coordinates: org.apache.camel:camel-eventadmin ** Syntax: `<code>eventadmin:topic</code>` ** Path parameter: topic * Name of topic to listen or send to
296. ** OpenStack Keystone (camel-openstack) * The openstack-keystone component allows messages to be sent to an * OpenStack identity services. ** Category: cloud,paas * Since: 2.19 * Maven coordinates: org.apache.camel:camel-openstack ** Syntax: `<code>openstack-keystone:host</code>` ** Path parameter: host (required) * OpenStack host url
297. ** CometD (Secure) (camel-cometd) * The cometd component is a transport for working with the Jetty * implementation of the cometd/bayeux protocol. ** Category: websocket * Since: 2.0 * Maven coordinates: org.apache.camel:camel-cometd ** Syntax: `<code>cometds:host:port/channelName</code>` ** Path parameter: host (required) * Hostname ** Path parameter: port (required) * Host port number * Path parameter: channelName (required) * The channelName represents a topic that can be subscribed to by the Camel * endpoints.
298. ** OpenStack Glance (camel-openstack) * The openstack-glance component allows messages to be sent to an OpenStack * image services. ** Category: cloud,paas * Since: 2.19 * Maven coordinates: org.apache.camel:camel-openstack ** Syntax: `<code>openstack-glance:host</code>` ** Path parameter: host (required) * OpenStack host url
299. ** MongoDB GridFS (camel-mongodb-gridfs) * Component for working with MongoDB GridFS. ** Category: database,nosql * Since: 2.18 * Maven coordinates: org.apache.camel:camel-mongodb-gridfs ** Syntax: `<code>mongodb-gridfs:connectionBean</code>` ** Path parameter: connectionBean (required) * Name of com.mongodb.MongoClient to use.
300. ** Robot Framework (camel-robotframework) * Represents a RobotFramework endpoint. ** Category: testing * Since: 3.0 * Maven coordinates: org.apache.camel:camel-robotframework ** Syntax: `<code>robotframework:resourceUri</code>` ** Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
301. ** OpenShift Build Config (camel-kubernetes) * The Kubernetes Build Config component provides a producer to execute * kubernetes build config operations. ** Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `<code>openshift-build-configs:masterUrl</code>` ** Path parameter: masterUrl (required) * Kubernetes Master url
302. ** Exec (camel-exec) * The exec component can be used to execute OS system commands. ** Category: system * Since: 2.3 * Maven coordinates: org.apache.camel:camel-exec ** Syntax: `<code>exec:executable</code>` ** Path parameter: executable (required) * Sets the executable to be executed. The executable must not be empty or * null.
303. ** CoAP (camel-coap) * The coap component is used for sending and receiving messages from COAP * capable devices. ** Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap
304. ** Flatpack (camel-flatpack) * The flatpack component supports fixed width and delimited file parsing * via the FlatPack library. ** Category: transformation * Since: 1.4 * Maven coordinates: org.apache.camel:camel-flatpack ** Syntax: `<code>flatpack:type:resourceUri</code>` ** Path parameter: type * Whether to use fixed or delimiter * Default value: delim * The value can be one of: fixed, delim ** Path parameter: resourceUri (required) * URL for loading the flatpack mapping file from classpath or file system
305. ** CoAP (Secure) (camel-coap) * The coap component is used for sending and receiving messages from COAP * capable devices. ** Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap ** Syntax: `<code>coaps:uri</code>` ** Path parameter: uri * The URI for the CoAP endpoint
306. ** Hazelcast Queue (camel-hazelcast) * The hazelcast-queue component is used to access Hazelcast distributed * queue. ** Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast ** Syntax: `<code>hazelcast-queue:cacheName</code>` ** Path parameter: cacheName (required) * The name of the cache

307. ** NSQ (camel-nsq) * Represents a nsq endpoint. ** Category: messaging * Since: 2.23 * Maven coordinates: org.apache.camel:camel-nsq ** Syntax: `<code>nsq:topic</code>` ** Path parameter: topic (required) * The name of topic we want to use
308. ** ActiveMQ (camel-activemq) * The activemq component allows messages to be sent to (or consumed from) * Apache ActiveMQ. This component extends the Camel JMS component. ** Category: messaging * Since: 1.0 * Maven coordinates: org.apache.camel:camel-activemq ** Syntax: `<code>activemq:destinationType:destinationName</code>` ** Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic, temp-queue, temp-topic ** Path parameter: destinationName (required) * Name of the queue or topic to use as destination
309. ** XMPP (camel-xmpp) * To send and receive messages from a XMPP (chat) server. ** Category: chat,messaging * Since: 1.0 * Maven coordinates: org.apache.camel:camel-xmpp ** Syntax: `<code>xmpp:host:port/participant</code>` ** Path parameter: host (required) * Hostname for the chat server ** Path parameter: port (required) * Port number for the chat server ** Path parameter: participant * JID (Jabber ID) of person to receive messages. room parameter has * precedence over participant.
310. ** IMAP (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. ** Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail ** Syntax: `<code>imap:host:port</code>` ** Path parameter: host (required) * The mail server host name ** Path parameter: port * The port number of the mail server
311. ** Spark (camel-spark) * The spark component can be used to send RDD or DataFrame jobs to Apache * Spark cluster. ** Category: bigdata,iot * Since: 2.17 * Maven coordinates: org.apache.camel:camel-spark ** Syntax: `<code>spark:endpointType</code>` ** Path parameter: endpointType (required) * Type of the endpoint (rdd, dataframe, hive). * The value can be one of: rdd, dataframe, hive
312. ** Hazelcast Set (camel-hazelcast) * The hazelcast-set component is used to access Hazelcast distributed set. ** Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast ** Syntax: `<code>hazelcast-set:cacheName</code>` ** Path parameter: cacheName (required) * The name of the cache
313. ** CoAP (camel-coap) * The coap component is used for sending and receiving messages from COAP * capable devices. ** Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap ** Syntax: `<code>coap+tcp:uri</code>` ** Path parameter: uri * The URI for the CoAP endpoint
314. ** DigitalOcean (camel-digitalocean) * The DigitalOcean component allows you to manage Droplets and resources * within the DigitalOcean cloud. ** Category: cloud,management * Since: 2.19 * Maven coordinates: org.apache.camel:camel-digitalocean ** Syntax: `<code>digitalocean:operation</code>` ** Path parameter: operation * The operation to perform to the given resource. * The value can be one of: create, update, delete, list, ownList, get, * listBackups, listActions, listNeighbors, listSnapshots, listKernels, * listAllNeighbors, enableBackups, disableBackups, reboot, powerCycle, * shutdown, powerOn, powerOff, restore, resetPassword, resize, rebuild, * rename, changeKernel, enableIpv6, enablePrivateNetworking, takeSnapshot, * transfer, convert, attach, detach, assign, unassign, tag, untag
315. ** IMAP (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. ** Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail
316. ** Google Mail Stream (camel-google-mail) * The google-mail component provides access to Google Mail. ** Category: api,cloud,mail * Since: 2.22 * Maven coordinates: org.apache.camel:camel-google-mail ** Syntax: `<code>google-mail-stream:index</code>` ** Path parameter: index * Specifies an index for the endpoint
317. ** String Template (camel-stringtemplate) * Transforms the message using a String template. ** Category: transformation * Since: 1.2 * Maven coordinates: org.apache.camel:camel-stringtemplate ** Syntax: `<code>string-template:resourceUri</code>` ** Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
318. ** ZooKeeper (camel-zookeeper) * The zookeeper component allows interaction with a ZooKeeper cluster. ** Category: clustering * Since: 2.9 * Maven coordinates: org.apache.camel:camel-zookeeper ** Syntax: `<code>zookeeper:serverUrls/path</code>` ** Path parameter: serverUrls (required) * The zookeeper server hosts (multiple servers can be separated by comma) ** Path parameter: path (required) * The node in the ZooKeeper server (aka znode)
319. ** JT400 (camel-jt400) * The jt400 component allows you to exchanges messages with an AS/400 * system using data queues or program call. ** Category: messaging * Since: 1.5 * Maven coordinates:

- org.apache.camel:camel-jt400 * * Syntax:
<code>jt400:userID:password/systemName/objectPath.type</code> * * Path parameter: userID (required) * Returns the ID of the AS/400 user. * * Path parameter: password (required) * Returns the password of the AS/400 user. * * Path parameter: systemName (required) * Returns the name of the AS/400 system. * * Path parameter: objectPath (required) * Returns the fully qualified integrated file system path name of the * target object of this endpoint. * * Path parameter: type (required) * Whether to work with data queues or remote program call * The value can be one of: DTAQ, PGM, SRVPGM
320. * * CMIS (camel-cmis) * The cmis component uses the Apache Chemistry client API and allows you to add/read nodes to/from a CMIS compliant content repositories. * * Category: cms,database * Since: 2.11 * Maven coordinates: org.apache.camel:camel-cmis * * Syntax: <code>cmis:cmsUrl</code> * * Path parameter: cmsUrl (required) * URL to the cmis repository
321. * * Ignite Cache (camel-ignite) * The Ignite Cache endpoint is one of camel-ignite endpoints which allows * you to interact with an Ignite Cache. * * Category: nosql,cache,compute * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite * * Syntax: <code>ignite-cache:cacheName</code> * * Path parameter: cacheName (required) * The cache name.
322. * * LDIF (camel-ldif) * The ldif component allows you to do updates on an LDAP server from a LDIF * body content. * * Category: ldap * Since: 2.20 * Maven coordinates: org.apache.camel:camel-ldif * * Syntax: <code>ldif:ldapConnectionName</code> * * Path parameter: ldapConnectionName (required) * The name of the LdapConnection bean to pull from the registry. Note that * this must be of scope prototype to avoid it being shared among threads or * using a connection that has timed out.
323. * * Couchbase (camel-couchbase) * Represents a Couchbase endpoint that can query Views with a Poll strategy * and/or produce various type of operations. * * Category: database,nosql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-couchbase * * Syntax: <code>couchbase:protocol:hostname:port</code> * * Path parameter: protocol (required) * The protocol to use * * Path parameter: hostname (required) * The hostname to use * * Path parameter: port * The port number to use * Default value: 8091
324. * * AWS KMS (camel-aws-kms) * The aws-kms is used for managing Amazon KMS * * Category: cloud,management * Since: 2.21 * Maven coordinates: org.apache.camel:camel-aws-kms * * Syntax: <code>aws-kms:label</code> * * Path parameter: label (required) * Logical name
325. * * JGroups raft (camel-jgroups-raft) * The jgroups component provides exchange of messages between Camel and * JGroups clusters. * * Category: clustering,messaging * Since: 2.24 * Maven coordinates: org.apache.camel:camel-jgroups-raft * * Syntax: <code>jgroups-raft:clusterName</code> * * Path parameter: clusterName (required) * The name of the JGroupsraft cluster the component should connect to.
326. * * CXF-RS (camel-cxf) * The cxfrs component is used for JAX-RS REST services using Apache CXF. * * Category: rest * Since: 2.0 * Maven coordinates: org.apache.camel:camel-cxf * * Syntax: <code>cxfrs:beanId:address</code> * * Path parameter: beanId * To lookup an existing configured CxfRsEndpoint. Must used bean: as * prefix. * * Path parameter: address * The service publish address.
327. * * OpenStack Swift (camel-openstack) * The openstack-swift component allows messages to be sent to an OpenStack * object storage services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates: org.apache.camel:camel-openstack * * Syntax: <code>openstack-swift:host</code> * * Path parameter: host (required) * OpenStack host url
328. * * Azure Storage Queue Service (camel-azure) * The azure-queue component is used for storing and retrieving messages * from Azure Storage Queue Service. * * Category: cloud,queue,azure * Since: 2.19 * Maven coordinates: org.apache.camel:camel-azure * * Syntax: <code>azure-queue:containerAndQueueUri</code> * * Path parameter: containerAndQueueUri (required) * Container Queue compact Uri
329. * * Cassandra CQL (camel-cassandraql) * The cql component aims at integrating Cassandra 2.0 using the CQL3 API * (not the Thrift API). It's based on Cassandra Java Driver provided by * DataStax. * * Category: database,nosql * Since: 2.15 * Maven coordinates: org.apache.camel:camel-cassandraql * * Syntax: <code>cql:beanRef:hosts:port/keyspace</code> * * Path parameter: beanRef * beanRef is defined using bean:id * * Path parameter: hosts * Hostname(s) cassandra server(s). Multiple hosts can be separated by * comma. * * Path parameter: port * Port number of cassandra server(s) * * Path parameter: keyspace * Keyspace to use
330. * * SSH (camel-ssh) * The ssh component enables access to SSH servers such that you can send an * SSH command, and process the response. * * Category: file * Since: 2.10 * Maven coordinates: org.apache.camel:camel-ssh * * Syntax: <code>ssh:host:port</code> * * Path parameter: host (required) * Sets the hostname of the remote SSH server. * * Path parameter: port * Sets the port number for the remote SSH server. * Default value: 22

331. **** Infinispan (camel-infinispan)** * For reading/writing from/to Infinispan distributed key/value store and * data grid. **** Category:** cache,datagrid,clustering **** Since:** 2.13 **** Maven coordinates:** org.apache.camel:camel-infinispan **** Syntax:** `<code>infinispan:cacheName</code>` **** Path parameter:** cacheName (required) * The cache to use
332. **** CometD (camel-cometd)** * The cometd component is a transport for working with the Jetty * implementation of the cometd/bayeux protocol. **** Category:** websocket **** Since:** 2.0 **** Maven coordinates:** org.apache.camel:camel-cometd
333. **** AWS Kinesis (camel-aws-kinesis)** * The aws-kinesis component is for consuming and producing records from * Amazon Kinesis Streams. **** Category:** cloud,messaging **** Since:** 2.17 **** Maven coordinates:** org.apache.camel:camel-aws-kinesis **** Syntax:** `<code>aws-kinesis:streamName</code>` **** Path parameter:** streamName (required) * Name of the stream
334. **** Solr (Secure) (camel-solr)** * The solr component allows you to interface with an Apache Lucene Solr * server. **** Category:** monitoring,search **** Since:** 2.9 **** Maven coordinates:** org.apache.camel:camel-solr **** Syntax:** `<code>solrs:url</code>` **** Path parameter:** url (required) * Hostname and port for the solr server
335. **** Spring WebService (camel-spring-ws)** * The spring-ws component is used for SOAP WebServices using Spring * WebServices. **** Category:** spring,soap,webservice **** Since:** 2.6 **** Maven coordinates:** org.apache.camel:camel-spring-ws **** Syntax:** `<code>spring-ws:type:lookupKey:webServiceEndpointUri</code>` **** Path parameter:** type * Endpoint mapping type if endpoint mapping is used. rootqname - Offers the * option to map web service requests based on the qualified name of the * root element contained in the message. soapaction - Used to map web * service requests based on the SOAP action specified in the header of the * message. uri - In order to map web service requests that target a * specific URI. xpathresult - Used to map web service requests based on the * evaluation of an XPath expression against the incoming message. The * result of the evaluation should match the XPath result specified in the * endpoint URI. beanname - Allows you to reference an * org.apache.camel.component.spring.ws.bean.CamelEndpointDispatcher object * in order to integrate with existing (legacy) endpoint mappings like * PayloadRootQNameEndpointMapping, SoapActionEndpointMapping, etc * The value can be one of: ROOT_QNAME, ACTION, TO, SOAP_ACTION, * XPATHRESULT, URI, URI_PATH, BEANNAME **** Path parameter:** lookupKey * Endpoint mapping key if endpoint mapping is used **** Path parameter:** webServiceEndpointUri * The default Web Service endpoint uri to use for the producer. **** Path parameter:** expression * The XPath expression to use when option type=xpathresult. Then this * option is required to be configured.
336. **** gRPC (camel-grpc)** * The gRPC component allows to call and expose remote procedures via HTTP/2 * with protobuf dataformat **** Category:** rpc **** Since:** 2.19 **** Maven coordinates:** org.apache.camel:camel-grpc **** Syntax:** `<code>grpc:host:port/service</code>` **** Path parameter:** host (required) * The gRPC server host name. This is localhost or 0.0.0.0 when being a * consumer or remote server host name when using producer. **** Path parameter:** port (required) * The gRPC local or remote server port **** Path parameter:** service (required) * Fully qualified service name from the protocol buffer descriptor file * (package dot service definition name)
337. **** Javax Websocket (camel-websocket-jsr356)** * Camel WebSocket using JSR356 (javax) **** Category:** http **** Since:** 2.23 **** Maven coordinates:** org.apache.camel:camel-websocket-jsr356 **** Syntax:** `<code>websocket-jsr356:uri</code>` **** Path parameter:** uri * If a schemeless URI path is provided, a ServerEndpoint is deployed under * that path. Else if the URI is prefixed with the 'ws://' scheme, then a * connection is established to the corresponding server
338. **** Data Format (camel-dataformat)** * The dataformat component is used for working with Data Formats as if it * was a regular Component supporting Endpoints and URIs. **** Category:** core,transformation **** Since:** 2.12 **** Maven coordinates:** org.apache.camel:camel-dataformat **** Syntax:** `<code>dataformat:name:operation</code>` **** Path parameter:** name (required) * Name of data format * **** Path parameter:** operation (required) * Operation to use either marshal or unmarshal * The value can be one of: marshal, unmarshal
339. **** Kafka (camel-kafka)** * The kafka component allows messages to be sent to (or consumed from) * Apache Kafka brokers. **** Category:** messaging **** Since:** 2.13 **** Maven coordinates:** org.apache.camel:camel-kafka **** Syntax:** `<code>kafka:topic</code>` **** Path parameter:** topic (required) * Name of the topic to use. On the consumer you can use comma to separate * multiple topics. A producer can only send a message to a single topic.
340. **** JDBC (camel-jdbc)** * The jdbc component enables you to access databases through JDBC, where * SQL queries are sent in the message body. **** Category:** database,sql **** Since:** 1.2 **** Maven coordinates:** org.apache.camel:camel-jdbc **** Syntax:** `<code>jdbc:dataSourceName</code>` **** Path parameter:** dataSourceName (required) * Name of DataSource to lookup in the Registry. If the name is dataSource *

- or default, then Camel will attempt to lookup a default DataSource from * the registry, meaning if there is a only one instance of DataSource * found, then this DataSource will be used.
341. ** Hazelcast Ringbuffer (camel-hazelcast) * The hazelcast-ringbuffer component is used to access Hazelcast * distributed ringbuffer. ** Category: cache,datagrid * Since: 2.16 * Maven coordinates: org.apache.camel:camel-hazelcast ** Syntax: `<code>hazelcast-ringbuffer:cacheName</code>` ** Path parameter: cacheName (required) * The name of the cache
342. ** Kubernetes Job (camel-kubernetes) * The Kubernetes Jobs component provides a producer to execute kubernetes * job operations ** Category: container,cloud,paas * Since: 2.23 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `<code>kubernetes-job:masterUrl</code>` ** Path parameter: masterUrl (required) * Kubernetes Master url
343. ** Stub (camel-stub) * The stub component provides a simple way to stub out any physical * endpoints while in development or testing. ** Category: core,testing * Since: 2.10 * Maven coordinates: org.apache.camel:camel-stub ** Syntax: `<code>stub:name</code>` ** Path parameter: name (required) * Name of queue
344. ** Undertow (camel-undertow) * The undertow component provides HTTP and WebSocket based endpoints for * consuming and producing HTTP/WebSocket requests. ** Category: http,websocket * Since: 2.16 * Maven coordinates: org.apache.camel:camel-undertow ** Syntax: `<code>undertow:httpURI</code>` ** Path parameter: httpURI (required) * The url of the HTTP endpoint to use.
345. ** Validator (camel-validator) * Validates the payload of a message using XML Schema and JAXP Validation. ** Category: core,validation * Since: 1.1 * Maven coordinates: org.apache.camel:camel-validator ** Syntax: `<code>validator:resourceUri</code>` ** Path parameter: resourceUri (required) * URL to a local resource on the classpath,or a reference to lookup a bean * in the Registry, or a full URL to a remote resource or resource on the * file system which contains the XSD to validate against.
346. ** Caffeine Cache (camel-caffeine) * The caffeine-cache component is used for integration with Caffeine Cache. ** Category: cache,datagrid,clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-caffeine ** Syntax: `<code>caffeine-cache:cacheName</code>` ** Path parameter: cacheName (required) * the cache name
347. ** CM SMS Gateway (camel-cm-sms) * The cm-sms component allows to integrate with CM SMS Gateway. ** Category: mobile * Since: 2.18 * Maven coordinates: org.apache.camel:camel-cm-sms ** Syntax: `<code>cm-sms:host</code>` ** Path parameter: host (required) * SMS Provider HOST with scheme
348. ** XQuery (camel-saxon) * Transforms the message using a XQuery template using Saxon. ** Category: transformation * Since: 1.0 * Maven coordinates: org.apache.camel:camel-saxon ** Syntax: `<code>xquery:resourceUri</code>` ** Path parameter: resourceUri (required) * The name of the template to load from classpath or file system
349. ** HBase (camel-hbase) * For reading/writing from/to an HBase store (Hadoop database). ** Category: hadoop * Since: 2.10 * Maven coordinates: org.apache.camel:camel-hbase ** Syntax: `<code>hbase:tableName</code>` ** Path parameter: tableName (required) * The name of the table
350. ** HTTP (camel-http) * For calling out to external HTTP servers using Apache HTTP Client 4.x. ** Category: http * Since: 2.3 * Maven coordinates: org.apache.camel:camel-http ** Syntax: `<code>http:httpUri</code>` ** Path parameter: httpUri (required) * The url of the HTTP endpoint to call.
351. ** Mock (camel-mock) * The mock component is used for testing routes and mediation rules using * mocks. ** Category: core,testing * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mock ** Syntax: `<code>mock:name</code>` ** Path parameter: name (required) * Name of mock endpoint
352. ** Atomix Set (camel-atomix) * The atomix-set component is used to access Atomix's distributed set. * Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix ** Syntax: `<code>atomix-set:resourceName</code>` ** Path parameter: resourceName (required) * The distributed resource name
353. ** OPC UA Client (camel-milo) * Connect to OPC UA servers using the binary protocol for acquiring * telemetry data ** Category: iot * Since: 2.19 * Maven coordinates: org.apache.camel:camel-milo ** Syntax: `<code>milo-client:endpointUri</code>` ** Path parameter: endpointUri (required) * The OPC UA server endpoint
354. ** AWS SimpleDB (camel-aws-sdb) * The aws-sdb component is for storing and retrieving data from/to Amazon's * SDB service. ** Category: cloud,database,nosql * Since: 2.9 * Maven coordinates: org.apache.camel:camel-aws-sdb ** Syntax: `<code>aws-sdb:domainName</code>` ** Path parameter: domainName (required) * The name of the domain currently worked with.
355. ** Ignite Compute (camel-ignite) * The Ignite Compute endpoint is one of camel-ignite endpoints which allows * you to run compute operations on the cluster by passing in an * IgniteCallable, an

- IgniteRunnable, an IgniteClosure, or collections of * them, along with their parameters if necessary. *
Category: nosql,cache,compute * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite *
Syntax: `<code>ignite-compute:endpointId</code>` * Path parameter: endpointId (required) * The endpoint ID (not used).
356. * Hazelcast Topic (camel-hazelcast) * The hazelcast-topic component is used to access Hazelcast distributed * topic. * Category: cache,datagrid * Since: 2.15 * Maven coordinates: org.apache.camel:camel-hazelcast * Syntax: `<code>hazelcast-topic:cacheName</code>` * Path parameter: cacheName (required) * The name of the cache
357. * Jetty (camel-jetty) * To use Jetty as a HTTP server as consumer for Camel routes. * Category: http * Since: 1.2 * Maven coordinates: org.apache.camel:camel-jetty * Syntax: `<code>jetty:httpUri</code>` * Path parameter: httpUri (required) * The url of the HTTP endpoint to call.
358. * SMPP (camel-smpp) * To send and receive SMS using a SMSC (Short Message Service Center). * Category: mobile * Since: 2.2 * Maven coordinates: org.apache.camel:camel-smpp
359. * ServiceNow (camel-servicenow) * The servicenow component is used to integrate Camel with ServiceNow cloud * services. * Category: api,cloud,management * Since: 2.18 * Maven coordinates: org.apache.camel:camel-servicenow * Syntax: `<code>servicenow:instanceName</code>` * Path parameter: instanceName (required) * The ServiceNow instance name
360. * SAP NetWeaver (camel-sap-netweaver) * The sap-netweaver component integrates with the SAP NetWeaver Gateway * using HTTP transports. * Category: sap * Since: 2.12 * Maven coordinates: org.apache.camel:camel-sap-netweaver * Syntax: `<code>sap-netweaver:url</code>` * Path parameter: url (required) * Url to the SAP net-weaver gateway server.
361. * REST (camel-rest) * The rest component is used for either hosting REST services (consumer) or * calling external REST services (producer). * Category: core,rest * Since: 2.14 * Maven coordinates: org.apache.camel:camel-rest * Syntax: `<code>rest:method:path:uriTemplate</code>` * Path parameter: method (required) * HTTP method to use. * The value can be one of: get, post, put, delete, patch, head, trace, * connect, options * Path parameter: path (required) * The base path * Path parameter: uriTemplate * The uri template
362. * Soroush (camel-soroush) * To integrate with the Soroush chat bot. * Category: chat * Since: 3.0 * Maven coordinates: org.apache.camel:camel-soroush * Syntax: `<code>soroush:action</code>` * Path parameter: action (required) * The action to do. * The value can be one of: sendMessage, getMessage, uploadFile, * downloadFile
363. * SQL Stored Procedure (camel-sql) * The sql component allows you to work with databases using JDBC Stored * Procedure queries. * Category: database,sql * Since: 2.17 * Maven coordinates: org.apache.camel:camel-sql * Syntax: `<code>sql-stored:template</code>` * Path parameter: template (required) * Sets the StoredProcedure template to perform
364. * Freemarker (camel-freemarker) * Transforms the message using a FreeMarker template. * Category: transformation * Since: 2.10 * Maven coordinates: org.apache.camel:camel-freemarker * Syntax: `<code>freemarker:resourceUri</code>` * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
365. * Hazelcast Multimap (camel-hazelcast) * The hazelcast-multimap component is used to to access Hazelcast * distributed multimap. * Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast * Syntax: `<code>hazelcast-multimap:cacheName</code>` * Path parameter: cacheName (required) * The name of the cache
366. * Hazelcast Instance (camel-hazelcast) * The hazelcast-instance component is used to consume join/leave events of * the cache instance in the cluster. * Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast * Syntax: `<code>hazelcast-instance:cacheName</code>` * Path parameter: cacheName (required) * The name of the cache
367. * Disruptor (camel-disruptor) * The disruptor component provides asynchronous SEDA behavior using LMAX * Disruptor. * Category: endpoint * Since: 2.12 * Maven coordinates: org.apache.camel:camel-disruptor * Syntax: `<code>disruptor:name</code>` * Path parameter: name (required) * Name of queue
368. * MSV (camel-msv) * Validates the payload of a message using the MSV Library. * Category: validation * Since: 1.1 * Maven coordinates: org.apache.camel:camel-msv * Syntax: `<code>msv:resourceUri</code>` * Path parameter: resourceUri (required) * URL to a local resource on the classpath,or a reference to lookup a bean * in the Registry, or a full URL to a remote resource or resource on the * file system which contains the XSD to validate against.

369. ** IEC 60870 Client (camel-iec60870) * IEC 60870 component used for telecontrol (supervisory control and data * acquisition) such as controlling electric power transmission grids and * other geographically widespread control systems. ** Category: iot * Since: 2.20 * Maven coordinates: org.apache.camel:camel-iec60870 ** Syntax: `iec60870-client:uriPath` ** Path parameter: uriPath (required) * The object information address
370. ** Kubernetes Resources Quota (camel-kubernetes) * The Kubernetes Resources Quota component provides a producer to execute * kubernetes resources quota operations. ** Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `kubernetes-resources-quota:masterUrl` ** Path parameter: masterUrl (required) * Kubernetes Master url
371. ** JBPM (camel-jbpm) * The jbpm component provides integration with JBPM (Business Process * Management). ** Category: process * Since: 2.6 * Maven coordinates: org.apache.camel:camel-jbpm ** Syntax: `jbpm:connectionURL` ** Path parameter: connectionURL (required) * The URL to the JBPM server. ** Path parameter: eventListenerType * Sets the event listener type to attach to
372. ** OSGi PAX Logging (camel-paxlogging) * The paxlogging component can be used in an OSGi environment to receive * PaxLogging events and process them. ** Category: monitoring * Since: 2.6 * Maven coordinates: org.apache.camel:camel-paxlogging ** Syntax: `paxlogging:appender` ** Path parameter: appender (required) * Appender is the name of the pax appender that need to be configured in * the PaxLogging service configuration.
373. ** SQL (camel-sql) * The sql component allows you to work with databases using JDBC SQL * queries. ** Category: database,sql * Since: 1.4 * Maven coordinates: org.apache.camel:camel-sql ** Syntax: `sql:query` ** Path parameter: query (required) * Sets the SQL query to perform. You can externalize the query by using * file: or classpath: as prefix and specify the location of the file.
374. ** Scheduler (camel-scheduler) * The scheduler component is used for generating message exchanges when a * scheduler fires. ** Category: core,scheduling * Since: 2.15 * Maven coordinates: org.apache.camel:camel-scheduler ** Syntax: `scheduler:name` ** Path parameter: name (required) * The name of the scheduler
375. ** Netty HTTP (camel-netty-http) * Netty HTTP server and client using the Netty 4.x library. ** Category: http * Since: 2.14 * Maven coordinates: org.apache.camel:camel-netty-http ** Syntax: `netty-http:protocol:host:port/path` ** Path parameter: protocol (required) * The protocol to use which is either http, https or proxy - a consumer * only option. * The value can be one of: http, https ** Path parameter: host (required) * The local hostname such as localhost, or 0.0.0.0 when being a consumer. * The remote HTTP server hostname when using producer. ** Path parameter: port * The host port number ** Path parameter: path * Resource path
376. ** HTTP (camel-http) * For calling out to external HTTP servers using Apache HTTP Client 4.x. ** Category: http * Since: 2.3 * Maven coordinates: org.apache.camel:camel-http
377. ** Salesforce (camel-salesforce) * The salesforce component is used for integrating Camel with the massive * Salesforce API. ** Category: api,cloud,crm * Since: 2.12 * Maven coordinates: org.apache.camel:camel-salesforce ** Syntax: `salesforce:operationName:topicName` ** Path parameter: operationName * The operation to use * The value can be one of: getVersions, getResources, getGlobalObjects, * getBasicInfo, getDescription, getObject, createObject, updateObject, * deleteObject, getObjectWithId, upsertObject, deleteObjectWithId, * getBlobField, query, queryMore, queryAll, search, apexCall, recent, * createJob, getJob, closeJob, abortJob, createBatch, getBatch, * getAllBatches, getRequest, getResults, createBatchQuery, * getQueryResultIds, getQueryResult, getRecentReports, * getReportDescription, executeSyncReport, executeAsyncReport, * getReportInstances, getReportResults, limits, approval, approvals, * composite-tree, composite-batch, composite ** Path parameter: topicName * The name of the topic/channel to use
378. ** Drill (camel-drill) * The drill component gives you the ability to quering into apache drill * cluster. ** Category: database,sql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-drill ** Syntax: `drill:host` ** Path parameter: host (required) * ZooKeeper host name or IP address. Use local instead of a host name or IP * address to connect to the local Drillbit
379. ** JCache (camel-jcache) * The jcache component enables you to perform caching operations using * JSR107/JCache as cache implementation. ** Category: cache,datagrid,clustering * Since: 2.17 * Maven coordinates: org.apache.camel:camel-jcache ** Syntax: `jcache:cacheName` ** Path parameter: cacheName (required) * The name of the cache
380. ** XSLT Saxon (camel-xslt-saxon) * Transforms the message using a XSLT template using Saxon. ** Category: core,transformation * Since: 3.0 * Maven coordinates: org.apache.camel:camel-xslt-saxon ** Syntax: `xslt-saxon:resourceUri` ** Path parameter: resourceUri (required) * Path to the template. The following is supported by the default * URIResolver. You can prefix with: classpath, file,

- http, ref, or bean. * classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod
381. ** Crypto (JCE) (camel-crypto) * The crypto component is used for signing and verifying exchanges using * the Signature Service of the Java Cryptographic Extension (JCE). ** Category: security,transformation * Since: 2.3 * Maven coordinates: org.apache.camel:camel-crypto ** Syntax: `<code>crypto:cryptoOperation:name</code>` ** Path parameter: cryptoOperation (required) * Set the Crypto operation from that supplied after the crypto scheme in * the endpoint uri e.g. crypto:sign sets sign as the operation. * The value can be one of: sign, verify ** Path parameter: name (required) * The logical name of this operation.
382. ** Twilio (camel-twilio) * The Twilio component allows you to interact with the Twilio REST APIs * using Twilio Java SDK. ** Category: api,messaging,cloud * Since: 2.20 * Maven coordinates: org.apache.camel:camel-twilio ** Syntax: `<code>twilio:apiName/methodName</code>` ** Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: ACCOUNT, ADDRESS, APPLICATION, * AVAILABLE_PHONE_NUMBER_COUNTRY, CALL, CONFERENCE, CONNECT_APP, * INCOMING_PHONE_NUMBER, KEY, MESSAGE, NEW_KEY, NEW_SIGNING_KEY, * NOTIFICATION, OUTGOING_CALLER_ID, QUEUE, RECORDING, SHORT_CODE, * SIGNING_KEY, TOKEN, TRANSCRIPTION, VALIDATION_REQUEST, * ADDRESS_DEPENDENT_PHONE_NUMBER, AVAILABLE_PHONE_NUMBER_COUNTRY_LOCAL, * AVAILABLE_PHONE_NUMBER_COUNTRY_MOBILE, * AVAILABLE_PHONE_NUMBER_COUNTRY_TOLL_FREE, CALL_FEEDBACK, * CALL_FEEDBACK_SUMMARY, CALL_NOTIFICATION, CALL_RECORDING, * CONFERENCE_PARTICIPANT, INCOMING_PHONE_NUMBER_LOCAL, * INCOMING_PHONE_NUMBER_MOBILE, INCOMING_PHONE_NUMBER_TOLL_FREE, * MESSAGE_FEEDBACK, MESSAGE_MEDIA, QUEUE_MEMBER, RECORDING_ADD_ON_RESULT, * RECORDING_TRANSCRIPTION, RECORDING_ADD_ON_RESULT_PAYLOAD, * SIP_CREDENTIAL_LIST, SIP_DOMAIN, SIP_IP_ACCESS_CONTROL_LIST, * SIP_CREDENTIAL_LIST_CREDENTIAL, SIP_DOMAIN_CREDENTIAL_LIST_MAPPING, * SIP_DOMAIN_IP_ACCESS_CONTROL_LIST_MAPPING, * SIP_IP_ACCESS_CONTROL_LIST_IP_ADDRESS, USAGE_RECORD, USAGE_TRIGGER, * USAGE_RECORD_ALL_TIME, USAGE_RECORD_DAILY, USAGE_RECORD_LAST_MONTH, * USAGE_RECORD_MONTHLY, USAGE_RECORD_THIS_MONTH, USAGE_RECORD_TODAY, * USAGE_RECORD_YEARLY, USAGE_RECORD_YESTERDAY ** Path parameter: methodName (required) * What sub operation to use for the selected operation * The value can be one of: create, delete, fetch, read, update
383. ** Bean (camel-bean) * The bean component is for invoking Java beans from Camel. ** Category: core,java * Since: 1.0 * Maven coordinates: org.apache.camel:camel-bean ** Syntax: `<code>bean:beanName</code>` ** Path parameter: beanName (required) * Sets the name of the bean to invoke
384. ** REST API (camel-rest) * The rest-api component is used for providing Swagger API of the REST * services which has been defined using the rest-dsl in Camel. ** Category: core,rest * Since: 2.16 * Maven coordinates: org.apache.camel:camel-rest ** Syntax: `<code>rest-api:path/contextIdPattern</code>` ** Path parameter: path (required) * The base path ** Path parameter: contextIdPattern * Optional CamelContext id pattern to only allow Rest APIs from rest * services within CamelContext's which name matches the pattern.
385. ** file-watch (camel-file-watch) * The file-watch is used to monitor file events in directory using * java.nio.file.WatchService ** Category: file * Since: 3.0 * Maven coordinates: org.apache.camel:camel-file-watch ** Syntax: `<code>file-watch:path</code>` ** Path parameter: path (required) * Path of directory to consume events from.
386. ** Printer (camel-printer) * The printer component is used for sending messages to printers as print * jobs. ** Category: printing * Since: 2.1 * Maven coordinates: org.apache.camel:camel-printer ** Syntax: `<code>lpr:hostname:port/printername</code>` ** Path parameter: hostname (required) * Hostname of the printer ** Path parameter: port * Port number of the printer ** Path parameter: printername * Name of the printer
387. ** Google Sheets Stream (camel-google-sheets) * The google-sheets component provides access to Google Sheets. ** Category: api,cloud,sheets * Since: 2.23 * Maven coordinates:

- org.apache.camel:camel-google-sheets * * Syntax: `<code>google-sheets-stream:apiName</code>` * * Path parameter: apiName * Sets the apiName.
388. * * Crypto CMS (camel-crypto-cms) * The crypto cms component is used for encrypting data in CMS Enveloped * Data format, decrypting CMS Enveloped Data, signing data in CMS Signed * Data format, and verifying CMS Signed Data. * * Category: security,transformation * Since: 2.20 * Maven coordinates: org.apache.camel:camel-crypto-cms * * Syntax: `<code>crypto-cms:cryptoOperation:name</code>` * * Path parameter: cryptoOperation (required) * Set the Crypto operation from that supplied after the crypto scheme in * the endpoint uri e.g. crypto-cms:sign sets sign as the operation. * Possible values: sign, verify, encrypt, or decrypt. * The value can be one of: sign, verify, encrypt, decrypt * * Path parameter: name (required) * The name part in the URI can be chosen by the user to distinguish between * different signer/verifier/encryptor/decryptor endpoints within the camel * context.
389. * * OPC UA Server (camel-milo) * Make telemetry data available as an OPC UA server * * Category: iot * Since: 2.19 * Maven coordinates: org.apache.camel:camel-milo * * Syntax: `<code>milo-server:itemId</code>` * * Path parameter: itemId (required) * ID of the item
390. * * Simple JMS (camel-sjms) * The sjms component (simple jms) allows messages to be sent to (or * consumed from) a JMS Queue or Topic (uses JMS 1.x API). * * Category: messaging * Since: 2.11 * Maven coordinates: org.apache.camel:camel-sjms * * Syntax: `<code>sjms:destinationType:destinationName</code>` * * Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic * * Path parameter: destinationName (required) * DestinationName is a JMS queue or topic name. By default, the * destinationName is interpreted as a queue name.
391. * * Pulsar (camel-pulsar) * Camel Apache Pulsar Component * * Category: messaging * Since: 2.24 * Maven coordinates: org.apache.camel:camel-pulsar * * Syntax: `<code>pulsar:persistence://tenant/namespace/topic</code>` * * Path parameter: persistence (required) * Whether the topic is persistent or non-persistent * The value can be one of: persistent, non-persistent * * Path parameter: tenant (required) * The tenant * * Path parameter: namespace (required) * The namespace * * Path parameter: topic (required) * The topic
392. * * Bonita (camel-bonita) * Used for communicating with a remote Bonita BPM process engine. * * Category: process * Since: 2.19 * Maven coordinates: org.apache.camel:camel-bonita * * Syntax: `<code>bonita:operation</code>` * * Path parameter: operation (required) * Operation to use * The value can be one of: startCase
393. * * OpenStack Cinder (camel-openstack) * The openstack-cinder component allows messages to be sent to an OpenStack * block storage services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates: org.apache.camel:camel-openstack * * Syntax: `<code>openstack-cinder:host</code>` * * Path parameter: host (required) * OpenStack host url
394. * * Telegram (camel-telegram) * The telegram component provides access to the Telegram Bot API. * * Category: chat * Since: 2.18 * Maven coordinates: org.apache.camel:camel-telegram * * Syntax: `<code>telegram:type</code>` * * Path parameter: type (required) * The endpoint type. Currently, only the 'bots' type is supported. * The value can be one of: bots
395. * * Avro (camel-avro) * Working with Apache Avro for data serialization. * * Category: messaging,transformation * Since: 2.10 * Maven coordinates: org.apache.camel:camel-avro * * Syntax: `<code>avro:transport:host:port/messageName</code>` * * Path parameter: transport (required) * Transport to use, can be either http or netty * The value can be one of: http, netty * * Path parameter: port (required) * Port number to use * * Path parameter: host (required) * Hostname to use * * Path parameter: messageName * The name of the message to send.
396. * * PostgreSQL Replication Slot (camel-pg-replication-slot) * Consumer endpoint to receive from PostgreSQL Replication Slot. * * Category: database,sql * Since: 3.0 * Maven coordinates: org.apache.camel:camel-pg-replication-slot * * Syntax: `<code>pg-replication-slot:host:port/database/slot:outputPlugin</code>` * * Path parameter: slot (required) * Replication slot name. * * Path parameter: host * PostgreSQL server host * Default value: localhost * * Path parameter: port * PostgreSQL server port * Default value: 5432 * * Path parameter: database (required) * PostgreSQL database name * * Path parameter: outputPlugin (required) * Output plugin name (e.g. test_decoding, wal2json)
397. * * IEC 60870 Server (camel-iec60870) * IEC 60870 component used for telecontrol (supervisory control and data * acquisition) such as controlling electric power transmission grids and * other geographically widespread control systems. * * Category: iot * Since: 2.20 * Maven coordinates: org.apache.camel:camel-iec60870 * * Syntax: `<code>iec60870-server:uriPath</code>` * * Path parameter: uriPath (required) * The object information address

398. **** Debezium MySQL Connector (camel-debezium-mysql)** * Represents a Debezium MySQL endpoint which is used to capture changes in * MySQL database so that that applications can see those changes and * respond to them. **** Category:** database,sql,mysql **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-debezium-mysql **** Syntax:** `<code>debezium-mysql:name</code>` **** Path parameter:** name (required) **** Unique name for the connector. Attempting to register again with the same * name will fail.**
399. **** Hazelcast Atomic Number (camel-hazelcast)** * The hazelcast-atomicvalue component is used to access Hazelcast atomic * number, which is an object that simply provides a grid wide number * (long). **** Category:** cache,datagrid **** Since:** 2.7 **** Maven coordinates:** org.apache.camel:camel-hazelcast **** Syntax:** `<code>hazelcast-atomicvalue:cacheName</code>` **** Path parameter:** cacheName (required) **** The name of the cache**
400. **** Nitrite (camel-nitrite)** * Used for integrating Camel with Nitrite databases. **** Category:** database,nosql **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-nitrite **** Syntax:** `<code>nitrite:database</code>` **** Path parameter:** database (required) **** Path to database file. Will be created if not exists.**
401. **** Velocity (camel-velocity)** * Transforms the message using a Velocity template. **** Category:** transformation **** Since:** 1.2 **** Maven coordinates:** org.apache.camel:camel-velocity **** Syntax:** `<code>velocity:resourceUri</code>` **** Path parameter:** resourceUri (required) **** Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.**
402. **** Hazelcast Replicated Map (camel-hazelcast)** * The hazelcast-replicatedmap component is used to access Hazelcast * replicated map. **** Category:** cache,datagrid **** Since:** 2.16 **** Maven coordinates:** org.apache.camel:camel-hazelcast **** Syntax:** `<code>hazelcast-replicatedmap:cacheName</code>` **** Path parameter:** cacheName (required) **** The name of the cache**
403. **** LDAP (camel-ldap)** * The ldap component allows you to perform searches in LDAP servers using * filters as the message payload. **** Category:** ldap **** Since:** 1.5 **** Maven coordinates:** org.apache.camel:camel-ldap **** Syntax:** `<code>ldap:dirContextName</code>` **** Path parameter:** dirContextName (required) **** Name of either a javax.naming.directory.DirContext, or * java.util.Hashtable, or Map bean to lookup in the registry. If the bean * is either a Hashtable or Map then a new javax.naming.directory.DirContext * instance is created for each use. If the bean is a * javax.naming.directory.DirContext then the bean is used as given. The * latter may not be possible in all situations where the * javax.naming.directory.DirContext must not be shared, and in those * situations it can be better to use java.util.Hashtable or Map instead.**
404. **** Language (camel-language)** * The language component allows you to send a message to an endpoint which * executes a script by any of the supported Languages in Camel. **** Category:** core,script **** Since:** 2.5 **** Maven coordinates:** org.apache.camel:camel-language **** Syntax:** `<code>language:languageName:resourceUri</code>` **** Path parameter:** languageName (required) **** Sets the name of the language to use * The value can be one of: bean, constant, exchangeProperty, file, groovy, * header, javascript, jsonpath, mvel, ognl, , ref, simple, spel, sql, * terser, tokenize, xpath, xquery, xtokerize * * Path parameter: resourceUri * Path to the resource, or a reference to lookup a bean in the Registry to * use as the resource**
405. **** Ignite Sets (camel-ignite)** * The Ignite Sets endpoint is one of camel-ignite endpoints which allows * you to interact with Ignite Set data structures. **** Category:** nosql,cache **** Since:** 2.17 **** Maven coordinates:** org.apache.camel:camel-ignite **** Syntax:** `<code>ignite-set:name</code>` **** Path parameter:** name (required) **** The set name.**
406. **** SIP (camel-sip)** * To send and receive messages using the SIP protocol (used in telco and * mobile). **** Category:** mobile **** Since:** 2.5 **** Maven coordinates:** org.apache.camel:camel-sip
407. **** Solr (camel-solr)** * The solr component allows you to interface with an Apache Lucene Solr * server. **** Category:** monitoring,search **** Since:** 2.9 **** Maven coordinates:** org.apache.camel:camel-solr
408. **** Kudu (camel-kudu)** * Represents a Kudu endpoint. A kudu endpoint allows you to interact with * Apache Kudu, a free and open source column-oriented data store of the * Apache Hadoop ecosystem. **** Category:** cloud,database,iot **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-kudu **** Syntax:** `<code>kudu:host:port/tableName</code>` **** Path parameter:** host **** Kudu master to connect to * * Path parameter: port * Port where kudu service is listening * * Path parameter: tableName * The name of the table where the rows are stored**
409. **** Web3j Ethereum Blockchain (camel-web3j)** * The web3j component uses the Web3j client API and allows you to add/read * nodes to/from a web3j compliant content repositories. **** Category:**

- bitcoin,blockchain * Since: 2.22 * Maven coordinates: org.apache.camel:camel-web3j * * Syntax: `web3j:nodeAddress` * * Path parameter: nodeAddress (required) * Sets the node address used to communicate
410. * * AWS S3 Storage Service (camel-aws-s3) * The aws-s3 component is used for storing and retrieving object from * Amazon S3 Storage Service. * * Category: cloud,file * Since: 2.8 * Maven coordinates: org.apache.camel:camel-aws-s3 * * Syntax: `aws-s3://bucketNameOrArn` * * Path parameter: bucketNameOrArn (required) * Bucket name or ARN
411. * * Spring Integration (camel-spring-integration) * Bridges Camel with Spring Integration. * * Category: spring,eventbus * Since: 1.4 * Maven coordinates: org.apache.camel:camel-spring-integration * * Syntax: `spring-integration:defaultChannel` * * Path parameter: defaultChannel (required) * The default channel name which is used by the Spring Integration Spring * context. It will equal to the inputChannel name for the Spring * Integration consumer and the outputChannel name for the Spring * Integration provider.
412. * * SMTPS (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. * * Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail * * Syntax: `smtps:host:port` * * Path parameter: host (required) * The mail server host name * * Path parameter: port * The port number of the mail server
413. * * AHC Websocket (camel-ahc-ws) * To exchange data with external Websocket servers using Async Http Client. * * Category: websocket * Since: 2.14 * Maven coordinates: org.apache.camel:camel-ahc-ws
414. * * MicroProfile Metrics (camel-microprofile-metrics) * Camel metrics exposed with Eclipse MicroProfile Metrics * * Category: monitoring * Since: 3.0 * Maven coordinates: org.apache.camel:camel-microprofile-metrics * * Syntax: `microprofile-metrics:metricType:metricName` * * Path parameter: metricType (required) * Metric type * The value can be one of: CONCURRENT_GAUGE, COUNTER, GAUGE, METERED, * HISTOGRAM, TIMER, INVALID * * Path parameter: metricName (required) * Metric name
415. * * Vert.x (camel-vertx) * The vertx component is used for sending and receive messages from a vertx * event bus. * * Category: eventbus,reactive * Since: 2.12 * Maven coordinates: org.apache.camel:camel-vertx * * Syntax: `vertx:address` * * Path parameter: address (required) * Sets the event bus address used to communicate
416. * * SEDA (camel-seda) * The seda component provides asynchronous call to another endpoint from * any CamelContext in the same JVM. * * Category: core,endpoint * Since: 1.1 * Maven coordinates: org.apache.camel:camel-seda * * Syntax: `seda:name` * * Path parameter: name (required) * Name of queue
417. * * FOP (camel-fop) * The fop component allows you to render a message into different output * formats using Apache FOP. * * Category: transformation * Since: 2.10 * Maven coordinates: org.apache.camel:camel-fop * * Syntax: `fop:outputType` * * Path parameter: outputType (required) * The primary output format is PDF but other output formats are also * supported. * The value can be one of: pdf, ps, pcl, png, jpeg, svg, xml, mif, rtf, txt
418. * * Spring Batch (camel-spring-batch) * The spring-batch component allows to send messages to Spring Batch for * further processing. * * Category: spring,batch,scheduling * Since: 2.10 * Maven coordinates: org.apache.camel:camel-spring-batch * * Syntax: `spring-batch:jobName` * * Path parameter: jobName (required) * The name of the Spring Batch job located in the registry.
419. * * Google Mail (camel-google-mail) * The google-mail component provides access to Google Mail. * * Category: api,cloud,mail * Since: 2.15 * Maven coordinates: org.apache.camel:camel-google-mail * * Syntax: `google-mail:apiName/methodName` * * Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: THREADS, MESSAGES, ATTACHMENTS, LABELS, HISTORY, * DRAFTS, USERS * * Path parameter: methodName (required) * What sub operation to use for the selected operation * The value can be one of: attachments, create, delete, get, getProfile, * gmailImport, insert, list, modify, patch, send, trash, untrash, update
420. * * IronMQ (camel-ironmq) * The ironmq provides integration with IronMQ an elastic and durable hosted * message queue as a service. * * Category: cloud,messaging * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ironmq * * Syntax: `ironmq:queueName` * * Path parameter: queueName (required) * The name of the IronMQ queue
421. * * Cron (camel-cron) * Camel Cron Component * * Category: scheduling * Since: 3.1 * Maven coordinates: org.apache.camel:camel-cron * * Syntax: `cron:name` * * Path parameter: name (required) * The name of the cron trigger
422. * * Olingo4 (camel-olingo4) * Communicates with OData 4.0 services using Apache Olingo OData API. * * Category: cloud * Since: 2.19 * Maven coordinates: org.apache.camel:camel-olingo4 * * Syntax: `olingo4:apiName/methodName` * * Path parameter: apiName (required) * What kind of

- operation to perform * The value can be one of: DEFAULT * * Path parameter: methodName (required) * What sub operation to use for the selected operation
423. * * CXF (camel-cxf) * The cxf component is used for SOAP WebServices using Apache CXF. * * Category: soap, webservice * Since: 1.0 * Maven coordinates: org.apache.camel:camel-cxf * * Syntax: `<code>cxf:beanId:address</code>` * * Path parameter: beanId * To lookup an existing configured CxfEndpoint. Must used bean: as prefix. * * Path parameter: address * The service publish address.
424. * * RabbitMQ (camel-rabbitmq) * The rabbitmq component allows you produce and consume messages from * RabbitMQ instances. * * Category: messaging * Since: 2.12 * Maven coordinates: org.apache.camel:camel-rabbitmq * * Syntax: `<code>rabbitmq:exchangeName</code>` * * Path parameter: exchangeName (required) * The exchange name determines which exchange produced messages will sent * to. In the case of consumers, the exchange name determines which exchange * the queue will bind to.
425. * * CoAP (camel-coap) * The coap component is used for sending and receiving messages from COAP * capable devices. * * Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap * * Syntax: `<code>coap:uri</code>` * * Path parameter: uri * The URI for the CoAP endpoint
426. * * Metrics (camel-metrics) * To collect various metrics directly from Camel routes using the * DropWizard metrics library. * * Category: monitoring * Since: 2.14 * Maven coordinates: org.apache.camel:camel-metrics * * Syntax: `<code>metrics:metricsType:metricsName</code>` * * Path parameter: metricsType (required) * Type of metrics * The value can be one of: GAUGE, COUNTER, HISTOGRAM, METER, TIMER * * Path parameter: metricsName (required) * Name of metrics
427. * * Jing (camel-jing) * Validates the payload of a message using RelaxNG Syntax using Jing * library. * * Category: validation * Since: 1.1 * Maven coordinates: org.apache.camel:camel-jing * * Syntax: `<code>jing:resourceUri</code>` * * Path parameter: resourceUri (required) * URL to a local resource on the classpath or a full URL to a remote * resource or resource on the file system which contains the schema to * validate against.
428. * * MongoDB (camel-mongodb) * Component for working with documents stored in MongoDB database. * * Category: database, nosql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-mongodb * * Syntax: `<code>mongodb:connectionBean</code>` * * Path parameter: connectionBean (required) * Name of com.mongodb.Mongo to use.
429. * * Yammer (camel-yammer) * The yammer component allows you to interact with the Yammer enterprise * social network. * * Category: social * Since: 2.12 * Maven coordinates: org.apache.camel:camel-yammer * * Syntax: `<code>yammer:function</code>` * * Path parameter: function (required) * The function to use * The value can be one of: MESSAGES, MY_FEED, ALGO, FOLLOWING, SENT, * PRIVATE, RECEIVED, USERS, CURRENT
430. * * Git (camel-git) * The git component is used for working with git repositories. * * Category: file * Since: 2.16 * Maven coordinates: org.apache.camel:camel-git * * Syntax: `<code>git:localPath</code>` * * Path parameter: localPath (required) * Local repository path
431. * * Facebook (camel-facebook) * The Facebook component provides access to all of the Facebook APIs * accessible using Facebook4J. * * Category: social * Since: 2.14 * Maven coordinates: org.apache.camel:camel-facebook * * Syntax: `<code>facebook:methodName</code>` * * Path parameter: methodName (required) * What operation to perform
432. * * Thrift (camel-thrift) * The Thrift component allows to call and expose remote procedures (RPC) * with Apache Thrift data format and serialization mechanism * * Category: rpc * Since: 2.20 * Maven coordinates: org.apache.camel:camel-thrift * * Syntax: `<code>thrift:host:port/service</code>` * * Path parameter: host * The Thrift server host name. This is localhost or 0.0.0.0 (if not * defined) when being a consumer or remote server host name when using * producer. * * Path parameter: port (required) * The Thrift server port * * Path parameter: service (required) * Fully qualified service name from the thrift descriptor file (package dot * service definition name)
433. * * StAX (camel-stax) * The stax component allows messages to be process through a SAX * ContentHandler. * * Category: transformation * Since: 2.9 * Maven coordinates: org.apache.camel:camel-stax * * Syntax: `<code>stax:contentHandlerClass</code>` * * Path parameter: contentHandlerClass (required) * The FQN class name for the ContentHandler implementation to use.
434. * * Atomix Queue (camel-atomix) * The atomix-queue component is used to access Atomix's distributed queue. * * Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix * * Syntax: `<code>atomix-queue:resourceName</code>` * * Path parameter: resourceName (required) * The distributed resource name
435. * * Nats (camel-nats) * The nats component allows you produce and consume messages from NATS. * * Category: messaging * Since: 2.17 * Maven coordinates: org.apache.camel:camel-nats * * Syntax: `<code>nats:topic</code>` * * Path parameter: topic (required) * The name of topic we want to use

436. **** Debezium MongoDB Connector (camel-debezium-mongodb)** * Represents a Debezium MongoDB endpoint which is used to capture changes * in MongoDB database so that that applications can see those changes and * respond to them. **** Category:** database,nosql,mongodb *** Since:** 3.0 *** Maven coordinates:** org.apache.camel:camel-debezium-mongodb **** Syntax:** `<code>debezium-mongodb:name</code>` **** Path parameter:** name (required) * Unique name for the connector. Attempting to register again with the same * name will fail.
437. **** Paho (camel-paho)** * Component for communicating with MQTT message brokers using Eclipse Paho *** MQTT Client.** **** Category:** messaging,iot *** Since:** 2.16 *** Maven coordinates:** org.apache.camel:camel-paho **** Syntax:** `<code>paho:topic</code>` **** Path parameter:** topic (required) * Name of the topic
438. **** Atmos (camel-atmos)** * The atmos component is used for integrating with EMC's Atmos Storage. *** Category:** file,cloud *** Since:** 2.15 *** Maven coordinates:** org.apache.camel:camel-atmos **** Syntax:** `<code>atmos:name/operation</code>` **** Path parameter:** name * Atmos name **** Path parameter:** operation (required) * Operation to perform * The value can be one of: put, del, search, get, move
439. **** Mustache (camel-mustache)** * Transforms the message using a Mustache template. **** Category:** transformation *** Since:** 2.12 *** Maven coordinates:** org.apache.camel:camel-mustache **** Syntax:** `<code>mustache:resourceUri</code>` **** Path parameter:** resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
440. **** Dataset (camel-dataset)** * The dataset component provides a mechanism to easily perform load & soak * testing of your system. **** Category:** core,testing *** Since:** 1.3 *** Maven coordinates:** org.apache.camel:camel-dataset **** Syntax:** `<code>dataset:name</code>` **** Path parameter:** name (required) * Name of DataSet to lookup in the registry
441. CHECKSTYLE:ON
442. **** Atomix MultiMap (camel-atomix)** * The atomix-multimap component is used to access Atomix's distributed * multi map. **** Category:** clustering *** Since:** 2.20 *** Maven coordinates:** org.apache.camel:camel-atomix **** Syntax:** `<code>atomix-multimap:resourceName</code>` **** Path parameter:** resourceName (required) * The distributed resource name
443. **** QuickFix (camel-quickfix)** * The quickfix component allows to send Financial Interchange (FIX) * messages to the QuickFix engine. **** Category:** messaging *** Since:** 2.1 *** Maven coordinates:** org.apache.camel:camel-quickfix **** Syntax:** `<code>quickfix:configurationName</code>` **** Path parameter:** configurationName (required) * The configFile is the name of the QuickFIX/J configuration to use for the * FIX engine (located as a resource found in your classpath).
444. **** SMPP (camel-smpp)** * To send and receive SMS using a SMSC (Short Message Service Center). **** Category:** mobile *** Since:** 2.2 *** Maven coordinates:** org.apache.camel:camel-smpp **** Syntax:** `<code>smpp:host:port</code>` **** Path parameter:** host * Hostname for the SMSC server to use. * Default value: localhost **** Path parameter:** port * Port number for the SMSC server to use. * Default value: 2775
445. **** Hazelcast Map (camel-hazelcast)** * The hazelcast-map component is used to access Hazelcast distributed map. **** Category:** cache,datagrid *** Since:** 2.7 *** Maven coordinates:** org.apache.camel:camel-hazelcast **** Syntax:** `<code>hazelcast-map:cacheName</code>` **** Path parameter:** cacheName (required) * The name of the cache
446. **** HTTPS (Secure) (camel-http)** * For calling out to external HTTP servers using Apache HTTP Client 4.x. **** Category:** http *** Since:** 2.3 *** Maven coordinates:** org.apache.camel:camel-http **** Syntax:** `<code>https:httpUri</code>` **** Path parameter:** httpUri (required) * The url of the HTTP endpoint to call.
447. **** Dozer (camel-dozer)** * The dozer component provides the ability to map between Java beans using * the Dozer mapping library. **** Category:** transformation *** Since:** 2.15 *** Maven coordinates:** org.apache.camel:camel-dozer **** Syntax:** `<code>dozer:name</code>` **** Path parameter:** name (required) * A human readable name of the mapping.
448. **** XML Security (camel-xmlsecurity)** * Used to sign and verify exchanges using the XML signature specification. **** Category:** security,transformation *** Since:** 2.12 *** Maven coordinates:** org.apache.camel:camel-xmlsecurity **** Syntax:** `<code>xmlsecurity:command:name</code>` **** Path parameter:** command (required) * Whether to sign or verify. * The value can be one of: sign, verify **** Path parameter:** name (required) * The name part in the URI can be chosen by the user to distinguish between * different signer/verifier endpoints within the camel context.

449. **** PubNub (camel-pubnub)** * To send and receive messages to PubNub data stream network for connected * devices. **** Category:** cloud,iot,messaging **** Since:** 2.19 **** Maven coordinates:** org.apache.camel:camel-pubnub **** Syntax:** `<code>pubnub:channel</code>` **** Path parameter:** channel (required) * The channel used for subscribing/publishing events
450. **** JMX (camel-jmx)** * The jmx component allows to receive JMX notifications. **** Category:** monitoring **** Since:** 2.6 **** Maven coordinates:** org.apache.camel:camel-jmx **** Syntax:** `<code>jmx:serverURL</code>` **** Path parameter:** serverURL * Server url comes from the remaining endpoint. Use platform to connect to * local JVM.
451. **CHECKSTYLE:OFF**
452. **** Hazelcast SEDA (camel-hazelcast)** * The hazelcast-seda component is used to access Hazelcast BlockingQueue. **** Category:** cache,datagrid **** Since:** 2.7 **** Maven coordinates:** org.apache.camel:camel-hazelcast **** Syntax:** `<code>hazelcast-seda:cacheName</code>` **** Path parameter:** cacheName (required) * The name of the cache
453. **** REST Swagger (camel-rest-swagger)** * An awesome REST endpoint backed by Swagger specifications. **** Category:** rest,swagger,http **** Since:** 2.19 **** Maven coordinates:** org.apache.camel:camel-rest-swagger **** Syntax:** `<code>rest-swagger:specificationUri#operationId</code>` **** Path parameter:** specificationUri * Path to the Swagger specification file. The scheme, host base path are * taken from this specification, but these can be overridden with * properties on the component or endpoint level. If not given the component * tries to load swagger.json resource from the classpath. Note that the * host defined on the component and endpoint of this Component should * contain the scheme, hostname and optionally the port in the URI syntax * (i.e. http://api.example.com:8080). Overrides component configuration. * The Swagger specification can be loaded from different sources by * prefixing with file: classpath: http: https:. Support for https is * limited to using the JDK installed UrlHandler, and as such it can be * cumbersome to setup TLS/SSL certificates for https (such as setting a * number of javax.net.ssl JVM system properties). How to do that consult * the JDK documentation for UrlHandler. * Default value: swagger.json **** Path parameter:** operationId (required) * ID of the operation from the Swagger specification.
454. **** Stream (camel-stream)** * The stream: component provides access to the system-in, system-out and * system-err streams as well as allowing streaming of file. **** Category:** file,system **** Since:** 1.3 **** Maven coordinates:** org.apache.camel:camel-stream **** Syntax:** `<code>stream:kind</code>` **** Path parameter:** kind (required) * Kind of stream to use such as System.in or System.out. * The value can be one of: in, out, err, header, file
455. **** HDFS (camel-hdfs)** * For reading/writing from/to an HDFS filesystem using Hadoop 2.x. **** Category:** hadoop,file **** Since:** 2.14 **** Maven coordinates:** org.apache.camel:camel-hdfs **** Syntax:** `<code>hdfs:hostName:port/path</code>` **** Path parameter:** hostname (required) * HDFS host to use **** Path parameter:** port * HDFS port to use **** Default value:** 8020 **** Path parameter:** path (required) * The directory path to use
456. **** AWS IAM (camel-aws-iam)** * The aws-iam is used for managing Amazon IAM **** Category:** cloud,management **** Since:** 2.23 **** Maven coordinates:** org.apache.camel:camel-aws-iam **** Syntax:** `<code>aws-iam:label</code>` **** Path parameter:** label (required) * Logical name
457. **** Kubernetes Replication Controller (camel-kubernetes)** * The Kubernetes Replication Controllers component provides a producer to * execute kubernetes replication controller operations and a consumer to * consume replication controller events. **** Category:** container,cloud,paas **** Since:** 2.17 **** Maven coordinates:** org.apache.camel:camel-kubernetes **** Syntax:** `<code>kubernetes-replication-controllers:masterUrl</code>` **** Path parameter:** masterUrl (required) * Kubernetes Master url
458. **** XChange (camel-xchange)** * The camel-xchange component provide access to many bitcoin and altcoin * exchanges for trading and accessing market data. **** Category:** bitcoin,blockchain **** Since:** 2.21 **** Maven coordinates:** org.apache.camel:camel-xchange **** Syntax:** `<code>xchange:name</code>` **** Path parameter:** name (required) * The exchange to connect to
459. **** Beanstalk (camel-beanstalk)** * The beanstalk component is used for job retrieval and post-processing of * Beanstalk jobs. **** Category:** messaging **** Since:** 2.15 **** Maven coordinates:** org.apache.camel:camel-beanstalk **** Syntax:** `<code>beanstalk:connectionSettings</code>` **** Path parameter:** connectionSettings * Connection settings host:port/tube
460. **** AWS EC2 (camel-aws-ec2)** * The aws-ec2 is used for managing Amazon EC2 instances. **** Category:** cloud,management **** Since:** 2.16 **** Maven coordinates:** org.apache.camel:camel-aws-ec2 **** Syntax:** `<code>aws-ec2:label</code>` **** Path parameter:** label (required) * Logical name
461. **** Simple JMS Batch (camel-sjms)** * The sjms-batch component is a specialized for highly performant, * transactional batch consumption from a JMS queue. **** Category:** messaging **** Since:** 2.16 **** Maven coordinates:** org.apache.camel:camel-sjms **** Syntax:** `<code>sjms-batch:destinationName</code>` **** Path parameter:** destinationName (required) * JMS destination name

- Path parameter: destinationName (required) * The destination name. Only queues are supported, names may be prefixed by * 'queue:'.
462. ** AWS Simple Email Service (camel-aws-ses) * The aws-ses component is used for sending emails with Amazon's SES * service. ** Category: cloud,mail * Since: 2.9 * Maven coordinates: org.apache.camel:camel-aws-ses ** Syntax: `<code>aws-ses:from</code>` ** Path parameter: from (required) * The sender's email address.
463. ** Google Calendar Stream (camel-google-calendar) * The google-calendar component provides access to Google Calendar in a * streaming mode. ** Category: api,cloud * Since: 2.23 * Maven coordinates: org.apache.camel:camel-google-calendar ** Syntax: `<code>google-calendar-stream:index</code>` ** Path parameter: index * Specifies an index for the endpoint
464. ** InfluxDB (camel-influxdb) * The influxdb component allows you to interact with InfluxDB, a time * series database. ** Category: database * Since: 2.18 * Maven coordinates: org.apache.camel:camel-influxdb ** Syntax: `<code>influxdb:connectionBean</code>` ** Path parameter: connectionBean (required) * Connection to the influx database, of class InfluxDB.class
465. ** GraphQL (camel-graphql) * A Camel GraphQL Component ** Category: api * Since: 3.0 * Maven coordinates: org.apache.camel:camel-graphql ** Syntax: `<code>graphql:httpUri</code>` ** Path parameter: httpUri (required) * The GraphQL server URI.
466. ** MyBatis (camel-mybatis) * Performs a query, poll, insert, update or delete in a relational database * using MyBatis. ** Category: database,sql * Since: 2.7 * Maven coordinates: org.apache.camel:camel-mybatis ** Syntax: `<code>mybatis:statement</code>` ** Path parameter: statement (required) * The statement name in the MyBatis XML mapping file which maps to the * query, insert, update or delete operation you wish to evaluate.
467. ** AWS Kinesis Firehose (camel-aws-kinesis) * The aws-kinesis-firehose component is used for producing Amazon's Kinesis * Firehose streams. ** Category: cloud,messaging * Since: 2.19 * Maven coordinates: org.apache.camel:camel-aws-kinesis ** Syntax: `<code>aws-kinesis-firehose:streamName</code>` ** Path parameter: streamName (required) * Name of the stream
468. ** Jira (camel-jira) * The jira component interacts with the JIRA issue tracker. ** Category: api,reporting * Since: 3.0 * Maven coordinates: org.apache.camel:camel-jira ** Syntax: `<code>jira:type</code>` ** Path parameter: type (required) * Operation to perform. Consumers: NewIssues, NewComments. Producers: * AddIssue, AttachFile, DeleteIssue, TransitionIssue, UpdateIssue, * Watchers. See this class javadoc description for more information. * The value can be one of: ADDCOMMENT, ADDISSUE, ATTACH, DELETEISSUE, * NEWISSUES, NEWCOMMENTS, UPDATEISSUE, TRANSITIONISSUE, WATCHERS
469. ** XJ (camel-xj) * Transforms json/xml message back and forth using a XSLT. ** Category: transformation * Since: 3.0 * Maven coordinates: org.apache.camel:camel-xj ** Syntax: `<code>xj:resourceUri</code>` ** Path parameter: resourceUri (required) * Path to the template. The following is supported by the default * URIResolver. You can prefix with: classpath, file, http, ref, or bean. * classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod
470. ** AWS CloudWatch (camel-aws-cw) * The aws-cw component is used for sending metrics to an Amazon CloudWatch. ** Category: cloud,monitoring * Since: 2.11 * Maven coordinates: org.apache.camel:camel-aws-cw ** Syntax: `<code>aws-cw:namespace</code>` ** Path parameter: namespace (required) * The metric namespace
471. ** Kubernetes Pods (camel-kubernetes) * The Kubernetes Pods component provides a producer to execute kubernetes * pod operations and a consumer to consume pod events. ** Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `<code>kubernetes-pods:masterUrl</code>` ** Path parameter: masterUrl (required) * Kubernetes Master url
472. ** JMS (camel-jms) * The jms component allows messages to be sent to (or consumed from) a JMS * Queue or Topic. ** Category: messaging * Since: 1.0 * Maven coordinates: org.apache.camel:camel-jms ** Syntax: `<code>jms:destinationType:destinationName</code>` ** Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic, temp-queue, temp-topic ** Path parameter: destinationName (required) * Name of the queue or topic to use as destination
473. ** Atmosphere Websocket (camel-atmosphere-websocket) * To exchange data with external Websocket clients using Atmosphere. ** Category: websocket * Since: 2.14 * Maven coordinates: org.apache.camel:camel-atmosphere-websocket ** Syntax: `<code>atmosphere-websocket:servicePath</code>` ** Path parameter: servicePath (required) * Name of websocket endpoint

474. ** IMAPS (Secure) (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. ** Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail ** Syntax: `<code>imaps:host:port</code>` ** Path parameter: host (required) * The mail server host name ** Path parameter: port * The port number of the mail server
475. ** Splunk (camel-splunk) * The splunk component allows to publish or search for events in Splunk. ** Category: log,monitoring * Since: 2.13 * Maven coordinates: org.apache.camel:camel-splunk ** Syntax: `<code>splunk:name</code>` ** Path parameter: name (required) * Name has no purpose
476. ** Hazelcast List (camel-hazelcast) * The hazelcast-list component is used to access Hazelcast distributed * list. ** Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast ** Syntax: `<code>hazelcast-list:cacheName</code>` ** Path parameter: cacheName (required) * The name of the cache
477. ** Box (camel-box) * For uploading downloading and managing files folders groups * collaborations etc on box DOT com. ** Category: api,file,cloud * Since: 2.14 * Maven coordinates: org.apache.camel:camel-box ** Syntax: `<code>box:apiName/methodName</code>` ** Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: COLLABORATIONS, COMMENTS, EVENT_LOGS, FILES, * FOLDERS, GROUPS, EVENTS, SEARCH, TASKS, USERS ** Path parameter: methodName (required) * What sub operation to use for the selected operation
478. ** Kubernetes Persistent Volume (camel-kubernetes) * The Kubernetes Persistent Volumes component provides a producer to * execute kubernetes persistent volume operations. ** Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `<code>kubernetes-persistent-volumes:masterUrl</code>` ** Path parameter: masterUrl (required) * Kubernetes Master url
479. ** SIP (Secure) (camel-sip) * To send and receive messages using the SIP protocol (used in telco and * mobile). ** Category: mobile * Since: 2.5 * Maven coordinates: org.apache.camel:camel-sip ** Syntax: `<code>sips:uri</code>` ** Path parameter: uri (required) * URI of the SIP server to connect to (the username and password can be * included such as: john:secretmyserver:9999)
480. ** SNMP (camel-snmp) * The snmp component gives you the ability to poll SNMP capable devices or * receiving traps. ** Category: monitoring * Since: 2.1 * Maven coordinates: org.apache.camel:camel-snmp ** Syntax: `<code>snmp:host:port</code>` ** Path parameter: host (required) * Hostname of the SNMP enabled device ** Path parameter: port (required) * Port number of the SNMP enabled device
481. ** Twitter Search (camel-twitter) * The Twitter Search component consumes search results. ** Category: api,social * Since: 2.10 * Maven coordinates: org.apache.camel:camel-twitter ** Syntax: `<code>twitter-search:keywords</code>` ** Path parameter: keywords (required) * The search query, use the keywords AND, OR, - and () to narrow the search * results.
482. ** FTP (camel-ftp) * The ftp component is used for uploading or downloading files from FTP * servers. ** Category: file * Since: 1.1 * Maven coordinates: org.apache.camel:camel-ftp ** Syntax: `<code>ftp:host:port/directoryName</code>` ** Path parameter: host (required) * Hostname of the FTP server ** Path parameter: port * Port of the FTP server ** Path parameter: directoryName * The starting directory
483. ** Debezium PostgreSQL Connector (camel-debezium-postgres) * Represents a Debezium PostgreSQL endpoint which is used to capture * changes in PostgreSQL database so that that applications can see those * changes and respond to them. ** Category: database,sql,postgres * Since: 3.0 * Maven coordinates: org.apache.camel:camel-debezium-postgres ** Syntax: `<code>debezium-postgres:name</code>` ** Path parameter: name (required) * Unique name for the connector. Attempting to register again with the same * name will fail.
484. ** Consul (camel-consul) * The camel consul component allows you to work with Consul, a distributed, * highly available, datacenter-aware, service discovery and configuration * system. ** Category: api,cloud * Since: 2.18 * Maven coordinates: org.apache.camel:camel-consul ** Syntax: `<code>consul:apiEndpoint</code>` ** Path parameter: apiEndpoint (required) * The API endpoint
485. ** AWS Lambda (camel-aws-lambda) * The aws-lambda is used for managing and invoking functions from Amazon * Lambda. ** Category: cloud,computing,serverless * Since: 2.20 * Maven coordinates: org.apache.camel:camel-aws-lambda ** Syntax: `<code>aws-lambda:function</code>` ** Path parameter: function (required) * Name of the Lambda function.
486. ** REST OpenApi (camel-rest-openapi) * An awesome REST endpoint backed by OpenApi specifications. ** Category: rest,openapi,http * Since: 3.1 * Maven coordinates: org.apache.camel:camel-rest-openapi ** Syntax: `<code>rest-openapi:specificationUri#operationId</code>` ** Path parameter: specificationUri * Path to the OpenApi specification file. The scheme, host base path are * taken from this specification, but these can be overridden with * properties on the component or endpoint level. If not

given the component * tries to load openapi.json resource from the classpath. Note that the * host defined on the component and endpoint of this Component should * contain the scheme, hostname and optionally the port in the URI syntax * (i.e. http://api.example.com:8080). Overrides component configuration. * The OpenApi specification can be loaded from different sources by * prefixing with file: classpath: http: https:. Support for https is * limited to using the JDK installed UrlHandler, and as such it can be * cumbersome to setup TLS/SSL certificates for https (such as setting a * number of javax.net.ssl JVM system properties). How to do that consult * the JDK documentation for UrlHandler. * Default value: openapi.json * * Path parameter: operationId (required) * ID of the operation from the OpenApi specification.

487. * * Kubernetes HPA (camel-kubernetes) * The Kubernetes HPA component provides a producer to execute kubernetes * hpa operations and a consumer to consume HPA events. * * Category: container,cloud,paas * Since: 2.23 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `kubernetes-hpa:masterUrl` * * Path parameter: masterUrl (required) * Kubernetes Master url
488. * * Direct VM (camel-directvm) * The direct-vm component provides direct, synchronous call to another * endpoint from any CamelContext in the same JVM. * * Category: core,endpoint * Since: 2.10 * Maven coordinates: org.apache.camel:camel-directvm * * Syntax: `direct-vm:name` * * Path parameter: name (required) * Name of direct-vm endpoint
489. * * Kubernetes Service Account (camel-kubernetes) * The Kubernetes Service Accounts component provides a producer to execute * service account operations. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `kubernetes-service-accounts:masterUrl` * * Path parameter: masterUrl (required) * Kubernetes Master url
490. * * Azure Storage Blob Service (camel-azure) * The azure-blob component is used for storing and retrieving blobs from * Azure Storage Blob Service. * * Category: cloud,database,nosql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-azure * * Syntax: `azure-blob:containerOrBlobUri` * * Path parameter: containerOrBlobUri (required) * Container or Blob compact Uri
491. * * Google Pubsub (camel-google-pubsub) * Messaging client for Google Cloud Platform PubSub Service * * Category: messaging * Since: 2.19 * Maven coordinates: org.apache.camel:camel-google-pubsub * * Syntax: `google-pubsub:projectId:destinationName` * * Path parameter: projectId (required) * Project Id * * Path parameter: destinationName (required) * Destination Name
492. * * Elasticsearch Rest (camel-elasticsearch-rest) * The elasticsearch component is used for interfacing with Elasticsearch * server using REST API. * * Category: monitoring,search * Since: 2.21 * Maven coordinates: org.apache.camel:camel-elasticsearch-rest * * Syntax: `elasticsearch-rest:clusterName` * * Path parameter: clusterName (required) * Name of the cluster
493. * * Kubernetes Deployments (camel-kubernetes) * The Kubernetes Nodes component provides a producer to execute kubernetes * node operations and a consumer to consume node events. * * Category: container,cloud,paas * Since: 2.20 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `kubernetes-deployments:masterUrl` * * Path parameter: masterUrl (required) * Kubernetes Master url
494. * * Google Sheets (camel-google-sheets) * The google-sheets component provides access to Google Sheets. * * Category: api,cloud,sheets * Since: 2.23 * Maven coordinates: org.apache.camel:camel-google-sheets * * Syntax: `google-sheets:apiName/methodName` * * Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: SPREADSHEETS, DATA * * Path parameter: methodName (required) * What sub operation to use for the selected operation * The value can be one of: create, get, update, append, batchUpdate, clear
495. * * Atomix Messaging (camel-atomix) * The atomix-messaging component is used to access Atomix's group * messaging. * * Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix * * Syntax: `atomix-messaging:resourceName` * * Path parameter: resourceName (required) * The distributed resource name
496. * * Flink (camel-flink) * The flink component can be used to send DataSet jobs to Apache Flink * cluster. * * Category: hadoop * Since: 2.18 * Maven coordinates: org.apache.camel:camel-flink * * Syntax: `flink:endpointType` * * Path parameter: endpointType (required) * Type of the endpoint (dataset, datastream). * The value can be one of: dataset, datastream
497. * * POP3S (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. * * Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail * * Syntax: `pop3s:host:port` * * Path parameter: host (required) * The mail server host name * * Path parameter: port * The port number of the mail server

498. **** Master (camel-master)** * Represents an endpoint which only becomes active when the **** CamelClusterView** has the leadership. **** Category:** clustering **** Since:** 2.20 **** Maven coordinates:** org.apache.camel:camel-master **** Syntax:** `<code>master:namespace:delegateUri</code>` **** Path parameter:** namespace (required) * The name of the cluster namespace to use **** Path parameter:** delegateUri (required) * The endpoint uri to use in master/slave mode
499. **** Google Calendar (camel-google-calendar)** * The google-calendar component provides access to Google Calendar. **** Category:** api,cloud **** Since:** 2.15 **** Maven coordinates:** org.apache.camel:camel-google-calendar **** Syntax:** `<code>google-calendar:apiName/methodName</code>` **** Path parameter:** apiName (required) * What kind of operation to perform * The value can be one of: ACL, LIST, CALENDARS, CHANNELS, COLORS, * FREEBUSY, EVENTS, SETTINGS **** Path parameter:** methodName (required) * What sub operation to use for the selected operation * The value can be one of: calendarImport, clear, delete, get, insert, * instances, list, move, patch, query, quickAdd, stop, update, watch
500. **** JClouds (camel-jclouds)** * For interacting with cloud compute & blobstore service via jclouds. **** Category:** api,cloud **** Since:** 2.9 **** Maven coordinates:** org.apache.camel:camel-jclouds **** Syntax:** `<code>jclouds:command:providerId</code>` **** Path parameter:** command (required) * What command to execute such as blobstore or compute. * The value can be one of: blobstore, compute **** Path parameter:** providerId (required) * The name of the cloud provider that provides the target service (e.g. * aws-s3 or aws_ec2).
501. **** Platform HTTP (camel-platform-http)** * HTTP service leveraging existing runtime platform HTTP server **** Category:** http **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-platform-http **** Syntax:** `<code>platform-http:path</code>` **** Path parameter:** path (required) * The path under which this endpoint serves the HTTP requests
502. **** Quartz (camel-quartz)** * Provides a scheduled delivery of messages using the Quartz 2.x scheduler. **** Category:** scheduling **** Since:** 2.12 **** Maven coordinates:** org.apache.camel:camel-quartz **** Syntax:** `<code>quartz:groupName/triggerName</code>` **** Path parameter:** groupName * The quartz group name to use. The combination of group name and timer * name should be unique. * Default value: Camel **** Path parameter:** triggerName (required) * The quartz timer name to use. The combination of group name and timer * name should be unique.
503. **** Reactive Streams (camel-reactive-streams)** * Reactive Camel using reactive streams **** Category:** reactive,streams **** Since:** 2.19 **** Maven coordinates:** org.apache.camel:camel-reactive-streams **** Syntax:** `<code>reactive-streams:stream</code>` **** Path parameter:** stream * Name of the stream channel used by the endpoint to exchange messages.
504. **** IRC (camel-irc)** * The irc component implements an IRC (Internet Relay Chat) transport. **** Category:** chat **** Since:** 1.1 **** Maven coordinates:** org.apache.camel:camel-irc **** Syntax:** `<code>irc:hostname:port</code>` **** Path parameter:** hostname (required) * Hostname for the IRC chat server **** Path parameter:** port * Port number for the IRC chat server. If no port is configured then a * default port of either 6667, 6668 or 6669 is used.
505. **** Google BigQuery Standard SQL (camel-google-bigquery)** * Google BigQuery data warehouse for analytics (using SQL queries). **** Category:** cloud,messaging **** Since:** 2.23 **** Maven coordinates:** org.apache.camel:camel-google-bigquery **** Syntax:** `<code>google-bigquery-sql:projectId:query</code>` **** Path parameter:** query (required) * BigQuery standard SQL query **** Path parameter:** projectId (required) * Google Cloud Project Id
506. **** Bean Validator (camel-bean-validator)** * The Validator component performs bean validation of the message body * using the Java Bean Validation API. **** Category:** validation **** Since:** 2.3 **** Maven coordinates:** org.apache.camel:camel-bean-validator **** Syntax:** `<code>bean-validator:label</code>` **** Path parameter:** label (required) * Where label is an arbitrary text value describing the endpoint
507. **** Hipchat (camel-hipchat)** * The hipchat component supports producing and consuming messages from/to * Hipchat service. **** Category:** api,cloud **** Since:** 2.15 **** Maven coordinates:** org.apache.camel:camel-hipchat **** Syntax:** `<code>hipchat:protocol:host:port</code>` **** Path parameter:** protocol (required) * The protocol for the hipchat server, such as http. **** Path parameter:** host (required) * The host for the hipchat server, such as api.hipchat.com **** Path parameter:** port * The port for the hipchat server. Is by default 80. * Default value: 80
508. **** Corda (camel-corda)** * The corda component uses corda-rpc to interact with corda nodes. **** Category:** corda,blockchain **** Since:** 2.23 **** Maven coordinates:** org.apache.camel:camel-corda **** Syntax:** `<code>corda:node</code>` **** Path parameter:** node (required) * The url for the corda node
509. **** JCR (camel-jcr)** * The jcr component allows you to add/read nodes to/from a JCR compliant * content repository. **** Category:** cms,database **** Since:** 1.3 **** Maven coordinates:** org.apache.camel:camel-jcr **** Syntax:** `<code>jcr:host/base</code>` **** Path parameter:** host (required) * Name of the

- javax.jcr.Repository to lookup from the Camel registry to be * used. * * Path parameter: base * Get the base node when accessing the repository
510. * * Kubernetes Namespaces (camel-kubernetes) * The Kubernetes Namespaces component provides a producer to execute * kubernetes namespace operations and a consumer to consume namespace * events. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>kubernetes-namespaces:masterUrl</code>` * * Path parameter: masterUrl (required) * Kubernetes Master url
511. * * MLLP (camel-mllp) * Provides functionality required by Healthcare providers to communicate * with other systems using the MLLP protocol. * * Category: mllp * Since: 2.17 * Maven coordinates: org.apache.camel:camel-mllp * * Syntax: `<code>mllp:hostname:port</code>` * * Path parameter: hostname (required) * Hostname or IP for connection for the TCP connection. The default value * is null, which means any local IP address * * Path parameter: port (required) * Port number for the TCP connection
512. * * Kubernetes Nodes (camel-kubernetes) * The Kubernetes Nodes component provides a producer to execute kubernetes * node operations and a consumer to consume node events. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>kubernetes-nodes:masterUrl</code>` * * Path parameter: masterUrl (required) * Kubernetes Master url
513. * * Ehcache (camel-ehcache) * The ehcache component enables you to perform caching operations using * Ehcache as cache implementation. * * Category: cache,datagrid,clustering * Since: 2.18 * Maven coordinates: org.apache.camel:camel-ehcache * * Syntax: `<code>ehcache:cacheName</code>` * * Path parameter: cacheName (required) * the cache name
514. * * Saga (camel-saga) * The saga component provides access to advanced options for managing the * flow in the Saga EIP. * * Category: core,endpoint * Since: 2.21 * Maven coordinates: org.apache.camel:camel-saga * * Syntax: `<code>saga:action</code>` * * Path parameter: action (required) * Action to execute (complete or compensate)
515. * * Kubernetes Services (camel-kubernetes) * The Kubernetes Services component provides a producer to execute service * operations and a consumer to consume service events. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>kubernetes-services:masterUrl</code>` * * Path parameter: masterUrl (required) * Kubernetes Master url
516. * * Wordpress (camel-wordpress) * Integrates Camel with Wordpress. * * Category: cms * Since: 2.21 * Maven coordinates: org.apache.camel:camel-wordpress * * Syntax: `<code>wordpress:operation</code>` * * Path parameter: operation (required) * The endpoint operation. * The value can be one of: post, user * * Path parameter: operationDetail * The second part of an endpoint operation. Needed only when endpoint * semantic is not enough, like wordpress:post:delete * The value can be one of: delete
517. * * Solr (camel-solr) * The solr component allows you to interface with an Apache Lucene Solr * server. * * Category: monitoring,search * Since: 2.9 * Maven coordinates: org.apache.camel:camel-solr * * Syntax: `<code>solrCloud:url</code>` * * Path parameter: url (required) * Hostname and port for the solr server
518. * * ChatScript (camel-chatscript) * Represents a ChatScript endpoint. * * Category: ai,chatscript * Since: 3.0 * Maven coordinates: org.apache.camel:camel-chatscript * * Syntax: `<code>chatscript:host:port/botName</code>` * * Path parameter: host (required) * Hostname or IP of the server on which CS server is running * * Path parameter: port * Port on which ChatScript is listening to * Default value: 1024 * * Path parameter: botName (required) * Name of the Bot in CS to converse with
519. * * AHC Secure Websocket (Secure) (camel-ahc-ws) * To exchange data with external Websocket servers using Async Http Client. * * Category: websocket * Since: 2.14 * Maven coordinates: org.apache.camel:camel-ahc-ws * * Syntax: `<code>ahc-wss:httpUri</code>` * * Path parameter: httpUri (required) * The URI to use such as http://hostname:port/path
520. * * Etcd (camel-etcd) * The camel etcd component allows you to work with Etcd, a distributed * reliable key-value store. * * Category: clustering,database * Since: 2.18 * Maven coordinates: org.apache.camel:camel-etcd * * Syntax: `<code>etcd:namespace/path</code>` * * Path parameter: namespace (required) * The API namespace to use * The value can be one of: keys, stats, watch * * Path parameter: path * The path the endpoint refers to
521. * * Debezium SQL Server Connector (camel-debezium-sqlserver) * Represents a Debezium SQL Server endpoint which is used to capture * changes in SQL Server database so that that applications can see those * changes and respond to them. * * Category: database,sql,sqlserver * Since: 3.0 * Maven coordinates: org.apache.camel:camel-debezium-sqlserver * * Syntax: `<code>debezium-`

- sqlserver:name
- * Path parameter: name (required) * Unique name for the connector. Attempting to register again with the same * name will fail.
 - 522. * Spring LDAP (camel-spring-ldap) * The spring-ldap component allows you to perform searches in LDAP servers * using filters as the message payload. * Category: spring,ldap * Since: 2.11 * Maven coordinates: org.apache.camel:camel-spring-ldap * Syntax: `spring-ldap:templateName` * Path parameter: templateName (required) * Name of the Spring LDAP Template bean
 - 523. * AWS 2 Translate (camel-aws2-translate) * The aws2-translate component is used for managing Amazon Translate * Category: cloud,management * Since: 3.1 * Maven coordinates: org.apache.camel:camel-aws2-translate * Syntax: `aws2-translate:label` * Path parameter: label (required) * Logical name
 - 524. * AS2 (camel-as2) * Component used for transferring data secure and reliable over the * internet using the AS2 protocol. * Category: AS2 * Since: 2.22 * Maven coordinates: org.apache.camel:camel-as2 * Syntax: `as2:apiName/methodName` * Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: CLIENT, SERVER * Path parameter: methodName (required) * What sub operation to use for the selected operation
 - 525. * Micrometer (camel-micrometer) * To collect various metrics directly from Camel routes using the * Micrometer library. * Category: monitoring * Since: 2.22 * Maven coordinates: org.apache.camel:camel-micrometer * Syntax: `micrometer:metricsType:metricsName` * Path parameter: metricsType (required) * Type of metrics * Path parameter: metricsName (required) * Name of metrics * Path parameter: tags * Tags of metrics
 - 526. * Servlet (camel-servlet) * To use a HTTP Servlet as entry for Camel routes when running in a servlet * container. * Category: http * Since: 2.0 * Maven coordinates: org.apache.camel:camel-servlet * Syntax: `servlet:contextPath` * Path parameter: contextPath (required) * The context-path to use
 - 527. * Zendesk (camel-zendesk) * Allows producing messages to manage Zendesk ticket, user, organization, * etc. * Category: api,support,cloud * Since: 2.19 * Maven coordinates: org.apache.camel:camel-zendesk * Syntax: `zendesk:methodName` * Path parameter: methodName (required) * What operation to use
 - 528. * AWS Simple Workflow (camel-aws-swf) * The aws-swf component is used for managing workflows from Amazon Simple * Workflow. * Category: cloud,workflow * Since: 2.13 * Maven coordinates: org.apache.camel:camel-aws-swf * Syntax: `aws-swf:type` * Path parameter: type (required) * Activity or workflow * The value can be one of: activity, workflow
 - 529. * Ignite Queues (camel-ignite) * The Ignite Queue endpoint is one of camel-ignite endpoints which allows * you to interact with Ignite Queue data structures. * Category: nosql,cache * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite * Syntax: `ignite-queue:name` * Path parameter: name (required) * The queue name.
 - 530. * Kubernetes ConfigMap (camel-kubernetes) * The Kubernetes Configmaps component provides a producer to execute * kubernetes configmap operations. * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * Syntax: `kubernetes-config-maps:masterUrl` * Path parameter: masterUrl (required) * Kubernetes Master url
 - 531. * Elytron (camel-elytron) * Endpoint * Category: http * Since: 3.1 * Maven coordinates: org.apache.camel:camel-elytron * Syntax: `elytron:httpURI` * Path parameter: httpURI (required) * The url of the HTTP endpoint to use.
 - 532. * APNS (camel-apns) * For sending notifications to Apple iOS devices. * Category: eventbus,mobile * Since: 2.8 * Maven coordinates: org.apache.camel:camel-apns * Syntax: `apns:name` * Path parameter: name * Name of the endpoint
 - 533. * Chunk (camel-chunk) * Transforms the message using a Chunk template. * Category: transformation * Since: 2.15 * Maven coordinates: org.apache.camel:camel-chunk * Syntax: `chunk:resourceUri` * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
 - 534. * JOLT (camel-jolt) * The jolt component allows you to process a JSON messages using an JOLT * specification (such as JSON-JSON transformation). * Category: transformation * Since: 2.16 * Maven coordinates: org.apache.camel:camel-jolt * Syntax: `jolt:resourceUri` * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the

- resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
535. ** File (camel-file) * The file component is used for reading or writing files. ** Category: core,file * Since: 1.0 * Maven coordinates: org.apache.camel:camel-file ** Syntax: `file:directoryName` ** Path parameter: directoryName (required) * The starting directory
536. ** Atomix Map (camel-atomix) * The atomix-map component is used to access Atomix's distributed map. ** Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix ** Syntax: `atomix-map:resourceName` ** Path parameter: resourceName (required) * The distributed resource name
537. ** OpenStack Neutron (camel-openstack) * The openstack-neutron component allows messages to be sent to an * OpenStack network services. ** Category: cloud,paas * Since: 2.19 * Maven coordinates: org.apache.camel:camel-openstack ** Syntax: `openstack-neutron:host` ** Path parameter: host (required) * OpenStack host url
538. ** OptaPlanner (camel-optaplanner) * Solves the planning problem contained in a message with OptaPlanner. ** Category: engine,planning * Since: 2.13 * Maven coordinates: org.apache.camel:camel-optaplanner ** Syntax: `optaplanner:configFile` ** Path parameter: configFile (required) * Specifies the location to the solver file
539. ** Dropbox (camel-dropbox) * For uploading, downloading and managing files, folders, groups, * collaborations, etc on dropbox DOT com. ** Category: api,file * Since: 2.14 * Maven coordinates: org.apache.camel:camel-dropbox ** Syntax: `dropbox:operation` ** Path parameter: operation (required) * The specific action (typically is a CRUD action) to perform on Dropbox * remote folder. * The value can be one of: put, del, search, get, move
540. ** Atomix Value (camel-atomix) * The atomix-value component is used to access Atomix's distributed value. ** Category: clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-atomix ** Syntax: `atomix-value:resourceName` ** Path parameter: resourceName (required) * The distributed resource name
541. ** Lucene (camel-lucene) * To insert or query from Apache Lucene databases. ** Category: database,search * Since: 2.2 * Maven coordinates: org.apache.camel:camel-lucene ** Syntax: `lucene:host:operation` ** Path parameter: host (required) * The URL to the lucene server ** Path parameter: operation (required) * Operation to do such as insert or query. * The value can be one of: insert, query
542. ** Mina (camel-mina) * Socket level networking using TCP or UDP with the Apache Mina 2.x * library. ** Category: networking,tcp,udp * Since: 2.10 * Maven coordinates: org.apache.camel:camel-mina ** Syntax: `mina:protocol:host:port` ** Path parameter: protocol (required) * Protocol to use ** Path parameter: host (required) * Hostname to use. Use localhost or 0.0.0.0 for local server as consumer. * For producer use the hostname or ip address of the remote server. ** Path parameter: port (required) * Port number
543. ** Caffeine LoadCache (camel-caffeine) * The caffeine-loadcache component is used for integration with Caffeine * Load Cache. ** Category: cache,datagrid,clustering * Since: 2.20 * Maven coordinates: org.apache.camel:camel-caffeine ** Syntax: `caffeine-loadcache:cacheName` ** Path parameter: cacheName (required) * the cache name
544. ** SCP (camel-jsch) * To copy files using the secure copy protocol (SCP). ** Category: file * Since: 2.10 * Maven coordinates: org.apache.camel:camel-jsch ** Syntax: `scp:host:port:directoryName` ** Path parameter: host (required) * Hostname of the FTP server ** Path parameter: port * Port of the FTP server ** Path parameter: directoryName * The starting directory
545. ** Schematron (camel-schematron) * Validates the payload of a message using the Schematron Library. ** Category: validation * Since: 2.15 * Maven coordinates: org.apache.camel:camel-schematron ** Syntax: `schematron:path` ** Path parameter: path (required) * The path to the schematron rules file. Can either be in class path or * location in the file system.
546. ** AWS DynamoDB (camel-aws-ddb) * The aws-ddb component is used for storing and retrieving data from * Amazon's DynamoDB service. ** Category: cloud,database,nosql * Since: 2.10 * Maven coordinates: org.apache.camel:camel-aws-ddb ** Syntax: `aws-ddb:tableName` ** Path parameter: tableName (required) * The name of the table currently worked with.
547. ** AWS DynamoDB Streams (camel-aws-ddb) * The aws-ddbstream component is used for working with Amazon DynamoDB * Streams. ** Category: cloud,messaging,streams * Since: 2.17 * Maven coordinates: org.apache.camel:camel-aws-ddb ** Syntax: `aws-ddbstream:tableName` ** Path parameter: tableName (required) * Name of the dynamodb table

548. ** Tika (camel-tika) * This component integrates with Apache Tika to extract content and * metadata from thousands of file types. ** Category: document,transformation * Since: 2.19 * Maven coordinates: org.apache.camel:camel-tika ** Syntax: `<code>tika:operation</code>` ** Path parameter: operation (required) * Tika Operation - parse or detect * The value can be one of: parse, detect
549. ** Twitter Timeline (camel-twitter) * The Twitter Timeline component consumes twitter timeline or update the * status of specific user. ** Category: api,social * Since: 2.10 * Maven coordinates: org.apache.camel:camel-twitter ** Syntax: `<code>twitter-timeline:timelineType</code>` ** Path parameter: timelineType (required) * The timeline type to produce/consume. * The value can be one of: PUBLIC, HOME, USER, MENTIONS, RETWEETSOFME, * UNKNOWN
550. ** Direct (camel-direct) * The direct component provides direct, synchronous call to another * endpoint from the same CamelContext. ** Category: core,endpoint * Since: 1.0 * Maven coordinates: org.apache.camel:camel-direct ** Syntax: `<code>direct:name</code>` ** Path parameter: name (required) * Name of direct endpoint
551. ** AWS Simple Notification System (camel-aws-sns) * The aws-sns component is used for sending messages to an Amazon Simple * Notification Topic. ** Category: cloud,mobile,messaging * Since: 2.8 * Maven coordinates: org.apache.camel:camel-aws-sns ** Syntax: `<code>aws-sns:topicNameOrArn</code>` ** Path parameter: topicNameOrArn (required) * Topic name or ARN
552. ** SMTP (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. ** Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail ** Syntax: `<code>smtp:host:port</code>` ** Path parameter: host (required) * The mail server host name ** Path parameter: port * The port number of the mail server
553. ** Spring Event (camel-spring) * The spring-event component allows to listen for Spring Application * Events. ** Category: spring,eventbus * Since: 1.4 * Maven coordinates: org.apache.camel:camel-spring ** Syntax: `<code>spring-event:name</code>` ** Path parameter: name * Name of endpoint
554. ** Guava EventBus (camel-guava-eventbus) * The guava-eventbus component provides integration bridge between Camel * and Google Guava EventBus. ** Category: eventbus * Since: 2.10 * Maven coordinates: org.apache.camel:camel-guava-eventbus ** Syntax: `<code>guava-eventbus:eventBusRef</code>` ** Path parameter: eventBusRef * To lookup the Guava EventBus from the registry with the given name
555. ** AWS Simple Queue Service (camel-aws-sqs) * The aws-sqs component is used for sending and receiving messages to * Amazon's SQS service. ** Category: cloud,messaging * Since: 2.6 * Maven coordinates: org.apache.camel:camel-aws-sqs ** Syntax: `<code>aws-sqs:queueNameOrArn</code>` ** Path parameter: queueNameOrArn (required) * Queue name or ARN
556. ** Lumberjack (camel-lumberjack) * The lumberjack retrieves logs sent over the network using the Lumberjack * protocol. ** Category: log * Since: 2.18 * Maven coordinates: org.apache.camel:camel-lumberjack ** Syntax: `<code>lumberjack:host:port</code>` ** Path parameter: host (required) * Network interface on which to listen for Lumberjack ** Path parameter: port * Network port on which to listen for Lumberjack * Default value: 5044
557. ** Ref (camel-ref) * The ref component is used for lookup of existing endpoints bound in the * Registry. ** Category: core,endpoint * Since: 1.2 * Maven coordinates: org.apache.camel:camel-ref ** Syntax: `<code>ref:name</code>` ** Path parameter: name (required) * Name of endpoint to lookup in the registry.
558. ** AMQP (camel-amqp) * Messaging with AMQP protocol using Apache QPid Client. ** Category: messaging * Since: 1.2 * Maven coordinates: org.apache.camel:camel-amqp ** Syntax: `<code>amqp:destinationType:destinationName</code>` ** Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic, temp-queue, temp-topic ** Path parameter: destinationName (required) * Name of the queue or topic to use as destination
559. ** XSLT (camel-xslt) * Transforms the message using a XSLT template. ** Category: core,transformation * Since: 1.3 * Maven coordinates: org.apache.camel:camel-xslt ** Syntax: `<code>xslt:resourceUri</code>` ** Path parameter: resourceUri (required) * Path to the template. The following is supported by the default * URIResolver. You can prefix with: classpath, file, http, ref, or bean. * classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod
560. ** Nagios (camel-nagios) * To send passive checks to Nagios using JSendNSCA. ** Category: monitoring * Since: 2.3 * Maven coordinates: org.apache.camel:camel-nagios ** Syntax: `<code>nagios:host:port</code>` ** Path parameter: host (required) * This is the address of the Nagios host where checks should be send. ** Path parameter: port (required) * The port number of the host.

561. ** POP3 (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. ** Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail ** Syntax: `<code>pop3:host:port</code>` ** Path parameter: host (required) * The mail server host name ** Path parameter: port * The port number of the mail server
562. ** ElSQL (camel-elsql) * The elsql component is an extension to the existing SQL Component that * uses ElSql to define the SQL queries. ** Category: database,sql * Since: 2.16 * Maven coordinates: org.apache.camel:camel-elsql ** Syntax: `<code>elsql:elsqlName:resourceUri</code>` ** Path parameter: elsqlName (required) * The name of the elsql to use (is NAMED in the elsql file) ** Path parameter: resourceUri * The resource file which contains the elsql SQL statements to use. You can * specify multiple resources separated by comma. The resources are loaded * on the classpath by default, you can prefix with file: to load from file * system. Notice you can set this option on the component and then you do * not have to configure this on the endpoint.
563. ** Ganglia (camel-ganglia) * The ganglia component is used for sending metrics to the Ganglia * monitoring system. ** Category: monitoring * Since: 2.15 * Maven coordinates: org.apache.camel:camel-ganglia ** Syntax: `<code>ganglia:host:port</code>` ** Path parameter: host * Host name for Ganglia server * Default value: 239.2.11.71 ** Path parameter: port * Port for Ganglia server * Default value: 8649
564. ** MVEL (camel-mvel) * Transforms the message using a MVEL template. ** Category: transformation,script * Since: 2.12 * Maven coordinates: org.apache.camel:camel-mvel ** Syntax: `<code>mvel:resourceUri</code>` ** Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
565. ** AHC (camel-ahc) * To call external HTTP services using Async Http Client. ** Category: http * Since: 2.8 * Maven coordinates: org.apache.camel:camel-ahc ** Syntax: `<code>ahc:httpUri</code>` ** Path parameter: httpUri (required) * The URI to use such as http://hostname:port/path
566. ** AWS Translate (camel-aws-translate) * The aws-translate component is used for managing Amazon Translate ** Category: cloud,management * Since: 3.0 * Maven coordinates: org.apache.camel:camel-aws-translate ** Syntax: `<code>aws-translate:label</code>` ** Path parameter: label (required) * Logical name
567. ** Kubernetes Secrets (camel-kubernetes) * The Kubernetes Secrets component provides a producer to execute * kubernetes secret operations. ** Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes ** Syntax: `<code>kubernetes-secrets:masterUrl</code>` ** Path parameter: masterUrl (required) * Kubernetes Master url
568. ** Webhook (camel-webhook) * The webhook component allows other Camel components that can receive push * notifications to expose webhook endpoints and automatically register them * with their own webhook provider. ** Category: cloud * Since: 3.0 * Maven coordinates: org.apache.camel:camel-webhook ** Syntax: `<code>webhook:endpointUri</code>` ** Path parameter: endpointUri * The delegate uri. Must belong to a component that supports webhooks.
569. ** Weather (camel-weather) * Polls the weather information from Open Weather Map. ** Category: api * Since: 2.12 * Maven coordinates: org.apache.camel:camel-weather ** Syntax: `<code>weather:name</code>` ** Path parameter: name (required) * The name value is not used.
570. ** ZooKeeper Master (camel-zookeeper-master) * Represents an endpoint which only becomes active when it obtains the * master lock ** Category: clustering * Since: 2.19 * Maven coordinates: org.apache.camel:camel-zookeeper-master ** Syntax: `<code>zookeeper-master:groupName:consumerEndpointUri</code>` ** Path parameter: groupName (required) * The name of the cluster group to use ** Path parameter: consumerEndpointUri (required) * The consumer endpoint to use in master/slave mode
571. ** Ignite Messaging (camel-ignite) * The Ignite Messaging endpoint is one of camel-ignite endpoints which * allows you to send and consume messages from an Ignite topic. ** Category: nosql,cache,messaging * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite ** Syntax: `<code>ignite-messaging:topic</code>` ** Path parameter: topic (required) * The topic name.
572. ** Spring Redis (camel-spring-redis) * The spring-redis component allows sending and receiving messages from * Redis. ** Category: spring,nosql * Since: 2.11 * Maven coordinates: org.apache.camel:camel-spring-redis ** Syntax: `<code>spring-redis:host:port</code>` ** Path parameter: host (required) * The host where Redis server is running. ** Path parameter: port (required) * Redis server port number

573. **** Braintree (camel-braintree)** * The braintree component is used for integrating with the Braintree * Payment System. **** Category:** api,cloud,payment **** Since:** 2.17 **** Maven coordinates:** org.apache.camel:camel-braintree **** Syntax:** `<code>braintree:apiName/methodName</code>` **** Path parameter:** apiName (required) **** What kind of operation to perform** * The value can be one of: ADDON, ADDRESS, CLIENTTOKEN, * CREDITCARDVERIFICATION, CUSTOMER, DISCOUNT, DISPUTE, DOCUMENTUPLOAD, * MERCHANTACCOUNT, PAYMENTMETHOD, PAYMENTMETHODNONCE, PLAN, REPORT, * SETTLEMENTBATCHSUMMARY, SUBSCRIPTION, TRANSACTION, WEBHOOKNOTIFICATION **** Path parameter:** methodName **** What sub operation to use for the selected operation**
574. **** Netty (camel-netty)** * Socket level networking using TCP or UDP with the Netty 4.x library. **** Category:** networking,tcp,udp **** Since:** 2.14 **** Maven coordinates:** org.apache.camel:camel-netty **** Syntax:** `<code>netty:protocol:host:port</code>` **** Path parameter:** protocol (required) **** The protocol to use which can be tcp or udp.** * The value can be one of: tcp, udp **** Path parameter:** host (required) **** The hostname.** For the consumer the hostname is localhost or 0.0.0.0. For **** the producer the hostname is the remote host to connect to** **** Path parameter:** port (required) **** The host port number**
575. **** Class (camel-bean)** * The Class component is for invoking Java classes (Java beans) from Camel. **** Category:** core,java **** Since:** 2.4 **** Maven coordinates:** org.apache.camel:camel-bean **** Syntax:** `<code>class:beanName</code>` **** Path parameter:** beanName (required) **** Sets the name of the bean to invoke**
576. **** Jetty Websocket (camel-websocket)** * The websocket component provides websocket endpoints with Jetty for **** communicating with clients using websocket.** **** Category:** websocket **** Since:** 2.10 **** Maven coordinates:** org.apache.camel:camel-websocket **** Syntax:** `<code>websocket:host:port/resourceUri</code>` **** Path parameter:** host **** The hostname.** The default value is 0.0.0.0. Setting this option on the **** component will use the component configured value as default.** **** Default value:** 0.0.0.0 **** Path parameter:** port **** The port number.** The default value is 9292. Setting this option on the **** component will use the component configured value as default.** **** Default value:** 9292 **** Path parameter:** resourceUri (required) **** Name of the websocket channel to use**
577. **** JOOQ (camel-jooq)** * The jooq component enables you to store and retrieve entities from **** databases using JOOQ** **** Category:** database **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-jooq **** Syntax:** `<code>jooq:entityType</code>` **** Path parameter:** entityType **** JOOQ entity class**
578. **** AWS MSK (camel-aws-msk)** * The aws-msk is used for managing Amazon MSK **** Category:** cloud,management **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-aws-msk **** Syntax:** `<code>aws-msk:label</code>` **** Path parameter:** label (required) **** Logical name**
579. **** JGroups (camel-jgroups)** * The jgroups component provides exchange of messages between Camel and **** JGroups clusters.** **** Category:** clustering,messaging **** Since:** 2.13 **** Maven coordinates:** org.apache.camel:camel-jgroups **** Syntax:** `<code>jgroups:clusterName</code>` **** Path parameter:** clusterName (required) **** The name of the JGroups cluster the component should connect to.**
580. **** DNS (camel-dns)** * To lookup domain information and run DNS queries using DNSJava. **** Category:** networking **** Since:** 2.7 **** Maven coordinates:** org.apache.camel:camel-dns **** Syntax:** `<code>dns:dnsType</code>` **** Path parameter:** dnsType (required) **** The type of the lookup.** **** The value can be one of:** dig, ip, lookup, wikipedia
581. **** Log (camel-log)** * The log component logs message exchanges to the underlying logging **** mechanism.** **** Category:** core,monitoring **** Since:** 1.1 **** Maven coordinates:** org.apache.camel:camel-log **** Syntax:** `<code>log:loggerName</code>` **** Path parameter:** loggerName (required) **** The logger name to use**
582. **** FHIR (camel-fhir)** * The fhir component is used for working with the FHIR protocol (health **** care).** **** Category:** hl7,api **** Since:** 2.23 **** Maven coordinates:** org.apache.camel:camel-fhir **** Syntax:** `<code>fhir:apiName/methodName</code>` **** Path parameter:** apiName (required) **** What kind of operation to perform** * The value can be one of: capabilities, create, delete, history, * load-page, meta, patch, read, search, transaction, update, validate **** Path parameter:** methodName (required) **** What sub operation to use for the selected operation**
583. **** Gora (camel-gora)** * The gora component allows you to work with NoSQL databases using the **** Apache Gora framework.** **** Category:** database,hadoop,nosql **** Since:** 2.14 **** Maven coordinates:** org.apache.camel:camel-gora **** Syntax:** `<code>gora:name</code>` **** Path parameter:** name (required) **** Instance name**
584. **** AWS EKS (camel-aws-eks)** * The aws-eks is used for managing Amazon EKS **** Category:** cloud,management **** Since:** 3.0 **** Maven coordinates:** org.apache.camel:camel-aws-eks **** Syntax:** `<code>aws-eks:label</code>` **** Path parameter:** label (required) **** Logical name**

585. **** SMPP (Secure) (camel-smpp) * To send and receive SMS using a SMSC (Short Message Service Center).** **** Category: mobile * Since: 2.2 * Maven coordinates: org.apache.camel:camel-smpp ****
Syntax: <code>smpps:host:port</code> ** Path parameter: host * Hostname for the SMSC server to use.
*** Default value: localhost ** Path parameter: port * Port number for the SMSC server to use. * Default value: 2775**
586. **** Simple JMS2 (camel-sjms2) * The sjms2 component (simple jms) allows messages to be sent to (or * consumed from) a JMS Queue or Topic (uses JMS 2.x API).** **** Category: messaging * Since: 2.19 * Maven coordinates: org.apache.camel:camel-sjms2 **** **Syntax: <code>sjms2:destinationType:destinationName</code> ** Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic ** Path parameter: destinationName (required) * DestinationName is a JMS queue or topic name. By default, the * destinationName is interpreted as a queue name.**
587. **** CouchDB (camel-couchdb) * The couchdb component is used for integrate with CouchDB databases.** **** Category: database,nosql * Since: 2.11 * Maven coordinates: org.apache.camel:camel-couchdb ****
Syntax: <code>couchdb:protocol:hostname:port/database</code> ** Path parameter: protocol (required) * The protocol to use for communicating with the database. * The value can be one of: http, https ** Path parameter: hostname (required) * Hostname of the running couchdb instance ** Path parameter: port * Port number for the running couchdb instance * Default value: 5984 ** Path parameter: database (required) * Name of the database to use
588. **** PostgreSQL Event (camel-pgevent) * The pgevent component allows for producing/consuming PostgreSQL events * related to the listen/notify commands.** **** Category: database,sql * Since: 2.15 * Maven coordinates: org.apache.camel:camel-pgevent **** **Syntax: <code>pgevent:host:port/database/channel</code> ** Path parameter: host * To connect using hostname and port to the database. * Default value: localhost ** Path parameter: port * To connect using hostname and port to the database. * Default value: 5432 ** Path parameter: database (required) * The database name ** Path parameter: channel (required) * The channel name**
589. **** Olingo2 (camel-olingo2) * Communicates with OData 2.0 services using Apache Olingo. **** **Category: cloud * Since: 2.14 * Maven coordinates: org.apache.camel:camel-olingo2 **** **Syntax: <code>olingo2:apiName/methodName</code> ** Path parameter: apiName (required) * What kind of operation to perform * The value can be one of: DEFAULT ** Path parameter: methodName (required) * What sub operation to use for the selected operation**
590. **** CometD (camel-cometd) * The cometd component is a transport for working with the Jetty * implementation of the cometd/bayeux protocol.** **** Category: websocket * Since: 2.0 * Maven coordinates: org.apache.camel:camel-cometd **** **Syntax: <code>cometd:host:port/channelName</code> ** Path parameter: host (required) * Hostname ** Path parameter: port (required) * Host port number * Path parameter: channelName (required) * The channelName represents a topic that can be subscribed to by the Camel * endpoints.**
591. **** Google BigQuery (camel-google-bigquery) * Google BigQuery data warehouse for analytics. **** **Category: cloud,messaging * Since: 2.20 * Maven coordinates: org.apache.camel:camel-google-bigquery **** **Syntax: <code>google-bigquery:projectId:datasetId:tableId</code> ** Path parameter: projectId (required) * Google Cloud Project Id ** Path parameter: datasetId (required) * BigQuery Dataset Id ** Path parameter: tableId * BigQuery table id**
592. **** Ignite Events (camel-ignite) * The Ignite Events endpoint is one of camel-ignite endpoints which allows * you to receive events from the Ignite cluster by creating a local event * listener. ** Category: nosql,cache,compute,messaging,data * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite **** **Syntax: <code>ignite-events:endpointId</code> ** Path parameter: endpointId * The endpoint ID (not used).**
593. **** AHC Websocket (camel-ahc-ws) * To exchange data with external Websocket servers using Async Http Client.** **** Category: websocket * Since: 2.14 * Maven coordinates: org.apache.camel:camel-ahc-ws **** **Syntax: <code>ahc-ws:httpUri</code> ** Path parameter: httpUri (required) * The URI to use such as http://hostname:port/path**
594. **** Kubernetes Persistent Volume Claim (camel-kubernetes) * The Kubernetes Persistent Volumes Claims component provides a producer to * execute kubernetes persistent volume claim operations. **** **Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes **** **Syntax: <code>kubernetes-persistent-volumes-claims:masterUrl</code> ** Path parameter: masterUrl (required) * Kubernetes Master url**
595. **** Solr (camel-solr) * The solr component allows you to interface with an Apache Lucene Solr * server. **** **Category: monitoring,search * Since: 2.9 * Maven coordinates: org.apache.camel:camel-solr **** **Syntax: <code>solr:url</code> ** Path parameter: url (required) * Hostname and port for the solr server**

596. ** SIP (camel-sip) * To send and receive messages using the SIP protocol (used in telco and * mobile). *
* Category: mobile * Since: 2.5 * Maven coordinates: org.apache.camel:camel-sip * * Syntax:
<code>sip:uri</code> * * Path parameter: uri (required) * URI of the SIP server to connect to (the
username and password can be * included such as: john:secretmyserver:9999)
597. ** DataSet Test (camel-dataset) * The dataset-test component extends the mock component by on startup
to * pull messages from another endpoint to set the expected message bodies. * * Category: core,testing *
Since: 1.3 * Maven coordinates: org.apache.camel:camel-dataset * * Syntax: <code>dataset-
test:name</code> * * Path parameter: name (required) * Name of endpoint to lookup in the registry to
use for polling messages * used for testing
598. ** Service (camel-service) * Represents an endpoint which is registered to a Service Registry such as *
Consul, Etc. * * Category: cloud * Since: 2.22 * Maven coordinates: org.apache.camel:camel-service *
* Syntax: <code>service:delegateUri</code> * * Path parameter: delegateUri (required) * The endpoint
uri to expose as service
599. ** OpenStack Nova (camel-openstack) * The openstack-nova component allows messages to be sent to
an OpenStack * compute services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates:
org.apache.camel:camel-openstack * * Syntax: <code>openstack-nova:host</code> * * Path parameter:
host (required) * OpenStack host url
600. ** Timer (camel-timer) * The timer component is used for generating message exchanges when a timer *
fires. * * Category: core,scheduling * Since: 1.0 * Maven coordinates: org.apache.camel:camel-timer * *
Syntax: <code>timer:timerName</code> * * Path parameter: timerName (required) * The name of the
timer
601. ** Asterisk (camel-asterisk) * The asterisk component is used to interact with Asterisk PBX Server. * *
Category: voip * Since: 2.18 * Maven coordinates: org.apache.camel:camel-asterisk * * Syntax:
<code>asterisk:name</code> * * Path parameter: name (required) * Logical name
602. ** Docker (camel-docker) * The docker component is used for managing Docker containers. * *
Category: container,cloud,paas * Since: 2.15 * Maven coordinates: org.apache.camel:camel-docker * *
Syntax: <code>docker:operation</code> * * Path parameter: operation (required) * Which operation to
use * The value can be one of: events, stats, auth, info, ping, version, * imagebuild, imagecreate,
imageinspect, imagelist, imagepull, * imagepush, imageremove, imagesearch, imagetag, containerattach, *
containercommit, containercopyfile, containercreate, * containerdiffinspectcontainer, containerkill,
containerlist, * containerlog, containerpause, containerrestart, containerremove, *
containerstart, containerstop, containertop, containerunpause, * containerwait, execcreate, execstart
603. ** Twitter Direct Message (camel-twitter) * The Twitter Direct Message Component consumes/produces
user's direct * messages. * * Category: api,social * Since: 2.10 * Maven coordinates:
org.apache.camel:camel-twitter * * Syntax: <code>twitter-directmessage:user</code> * * Path
parameter: user (required) * The user name to send a direct message. This will be ignored for * consumer.
604. ** Ignite ID Generator (camel-ignite) * The Ignite ID Generator endpoint is one of camel-ignite
endpoints which * allows you to interact with Ignite Atomic Sequences and ID Generators. * * Category:
nosql,cache,compute * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite * * Syntax:
<code>ignite-idgen:name</code> * * Path parameter: name (required) * The sequence name.
605. ** AWS MQ (camel-aws-mq) * The aws-mq is used for managing Amazon MQ instances. * * Category:
cloud,management * Since: 2.21 * Maven coordinates: org.apache.camel:camel-aws-mq * * Syntax:
<code>aws-mq:label</code> * * Path parameter: label (required) * Logical name
606. ** CoAP (camel-coap) * The coap component is used for sending and receiving messages from COAP *
capable devices. * * Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap * *
Syntax: <code>coaps+tcp:uri</code> * * Path parameter: uri * The URI for the CoAP endpoint
607. ** Openshift Builds (camel-kubernetes) * The Openshift Builds component provides a producer to
execute openshift * build operations. * * Category: container,cloud,paas * Since: 2.17 * Maven
coordinates: org.apache.camel:camel-kubernetes * * Syntax: <code>openshift-builds:masterUrl</code> *
* Path parameter: masterUrl (required) * Kubernetes Master url
608. ** Stomp (camel-stomp) * The stomp component is used for communicating with Stomp compliant *
message brokers. * * Category: messaging * Since: 2.12 * Maven coordinates: org.apache.camel:camel-
stomp * * Syntax: <code>stomp:destination</code> * * Path parameter: destination (required) * Name of
the queue
609. ** AWS ECS (camel-aws-ecs) * The aws-ecs is used for managing Amazon ECS * * Category:
cloud,management * Since: 3.0 * Maven coordinates: org.apache.camel:camel-aws-ecs * * Syntax:
<code>aws-ecs:label</code> * * Path parameter: label (required) * Logical name
610. ** FTPS (camel-ftp) * The ftps (FTP secure SSL/TLS) component is used for uploading or *
downloading files from FTP servers. * * Category: file * Since: 2.2 * Maven coordinates:

- org.apache.camel:camel-ftp * * Syntax: `ftps:host:port/directoryName` * * Path parameter: host (required) * Hostname of the FTP server * * Path parameter: port * Port of the FTP server * * Path parameter: directoryName * The starting directory
611. * * Grape (camel-grape) * The grape component allows you to fetch, load and manage additional jars * when CamelContext is running. * * Category: management,deployment * Since: 2.16 * Maven coordinates: org.apache.camel:camel-grape * * Syntax: `grape:defaultCoordinates` * * Path parameter: defaultCoordinates (required) * Maven coordinates to use as default to grab if the message body is empty.
612. * * VM (camel-vm) * The vm component provides asynchronous call to another endpoint from the * same CamelContext. * * Category: core,endpoint * Since: 1.1 * Maven coordinates: org.apache.camel:camel-vm * * Syntax: `vm:name` * * Path parameter: name (required) * Name of queue
613. * * Disruptor VM (camel-disruptor) * The disruptor component provides asynchronous SEDA behavior using LMAX * Disruptor. * * Category: endpoint * Since: 2.12 * Maven coordinates: org.apache.camel:camel-disruptor * * Syntax: `disruptor-vm:name` * * Path parameter: name (required) * Name of queue
614. * * PDF (camel-pdf) * The pdf components provides the ability to create, modify or extract * content from PDF documents. * * Category: document,transformation,printing * Since: 2.16 * Maven coordinates: org.apache.camel:camel-pdf * * Syntax: `pdf:operation` * * Path parameter: operation (required) * Operation type * The value can be one of: create, append, extractText
615. * * Atom (camel-atom) * The atom component is used for consuming Atom RSS feeds. * * Category: rss * Since: 1.2 * Maven coordinates: org.apache.camel:camel-atom * * Syntax: `atom:feedUri` * * Path parameter: feedUri (required) * The URI to the feed to poll.
616. * * GitHub (camel-github) * The github component is used for integrating Camel with github. * * Category: api,file * Since: 2.15 * Maven coordinates: org.apache.camel:camel-github * * Syntax: `github:type/branchName` * * Path parameter: type (required) * What git operation to execute * The value can be one of: CLOSEPULLREQUEST, PULLREQUESTCOMMENT, COMMIT, * PULLREQUEST, TAG, PULLREQUESTSTATE, PULLREQUESTFILES, GETCOMMITFILE, * CREATEISSUE * * Path parameter: branchName * Name of branch
617. * * RSS (camel-rss) * The rss component is used for consuming RSS feeds. * * Category: rss * Since: 2.0 * Maven coordinates: org.apache.camel:camel-rss * * Syntax: `rss:feedUri` * * Path parameter: feedUri (required) * The URI to the feed to poll.
618. * * Geocoder (camel-geocoder) * The geocoder component is used for looking up geocodes (latitude and * longitude) for a given address, or reverse lookup. * * Category: api,location * Since: 2.12 * Maven coordinates: org.apache.camel:camel-geocoder * * Syntax: `geocoder:address:latlng` * * Path parameter: address * The geo address which should be prefixed with address: * * Path parameter: latlng * The geo latitude and longitude which should be prefixed with latlng:
619. * * Slack (camel-slack) * The slack component allows you to send messages to Slack. * * Category: social * Since: 2.16 * Maven coordinates: org.apache.camel:camel-slack * * Syntax: `slack:channel` * * Path parameter: channel (required) * The channel name (syntax #name) or slackuser (syntax userName) to send a * message directly to an user.
620. * * JSON Schema Validator (camel-json-validator) * Validates the payload of a message using NetworkNT JSON Schema library. * * Category: validation * Since: 2.20 * Maven coordinates: org.apache.camel:camel-json-validator * * Syntax: `json-validator:resourceUri` * * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
621. * * SFTP (camel-ftp) * The sftp (FTP over SSH) component is used for uploading or downloading * files from SFTP servers. * * Category: file * Since: 1.1 * Maven coordinates: org.apache.camel:camel-ftp * * Syntax: `sftp:host:port/directoryName` * * Path parameter: host (required) * Hostname of the FTP server * * Path parameter: port * Port of the FTP server * * Path parameter: directoryName * The starting directory
622. * * IPFS (camel-ipfs) * The camel-ipfs component provides access to the Interplanetary File * System (IPFS). * * Category: file,ipfs * Since: 2.23 * Maven coordinates: org.apache.camel:camel-ipfs * * Syntax: `ipfs:ipfsCmd` * * Path parameter: ipfsCmd (required) * The ipfs command * The value can be one of: add, cat, get, version
623. * * Google Drive (camel-google-drive) * The google-drive component provides access to Google Drive file storage * service. * * Category: api,cloud,file * Since: 2.14 * Maven coordinates:

- org.apache.camel:camel-google-drive * * Syntax: `<code>google-drive:apiName/methodName</code>` *
* Path parameter: apiName (required) * What kind of operation to perform * The value can be one of:
drive-about, drive-apps, drive-changes, * drive-channels, drive-children, drive-comments, drive-files, *
drive-parents, drive-permissions, drive-properties, drive-realtime, * drive-replies, drive-revisions * * Path
parameter: methodName (required) * What sub operation to use for the selected operation * The value
can be one of: copy, delete, get, getIdForEmail, insert, list, * patch, stop, touch, trash, untrash, update,
watch
624. * * Control Bus (camel-controlbus) * The controlbus component provides easy management of Camel
applications * based on the Control Bus EIP pattern. * * Category: core,monitoring * Since: 2.11 *
Maven coordinates: org.apache.camel:camel-controlbus * * Syntax:
`<code>controlbus:command:language</code>` * * Path parameter: command (required) * Command can
be either route or language * The value can be one of: route, language * * Path parameter: language *
Allows you to specify the name of a Language to use for evaluating the * message body. If there is any
result from the evaluation, then the result * is put in the message body. * The value can be one of: bean,
constant, el, exchangeProperty, file, * groovy, header, jsonpath, mvel, ognl, ref, simple, spel, sql, terser, *
tokenize, xpath, xquery, xtokenize
625. * * Browse (camel-browse) * The browse component is used for viewing the messages received on *
endpoints that supports BrowsableEndpoint. * * Category: core,monitoring * Since: 1.3 * Maven
coordinates: org.apache.camel:camel-browse * * Syntax: `<code>browse:name</code>` * * Path
parameter: name (required) * A name which can be any string to uniquely identify the endpoint
626. * * MyBatis Bean (camel-mybatis) * Performs a query, insert, update or delete in a relational database
using * MyBatis. * * Category: database,sql * Since: 2.22 * Maven coordinates: org.apache.camel:camel-
mybatis * * Syntax: `<code>mybatis-bean:beanName:methodName</code>` * * Path parameter:
beanName (required) * Name of the bean with the MyBatis annotations. This can either by a type * alias
or a FQN class name. * * Path parameter: methodName (required) * Name of the method on the bean that
has the SQL query to be executed.
627. * * JPA (camel-jpa) * The jpa component enables you to store and retrieve Java objects from * databases
using JPA. * * Category: database,sql * Since: 1.0 * Maven coordinates: org.apache.camel:camel-jpa * *
Syntax: `<code>jpa:entityType</code>` * * Path parameter: entityType (required) * The JPA annotated
class to use as entity.
628. * * IOTA (camel-iota) * Component for integrate IOTA DLT * * Category: ledger * Since: 2.23 * Maven
coordinates: org.apache.camel:camel-iota * * Syntax: `<code>iota:name</code>` * * Path parameter: name
(required) * Component name
629. * * OSGi EventAdmin (camel-eventadmin) * The eventadmin component can be used in an OSGi
environment to receive * OSGi EventAdmin events and process them. * * Category: eventbus * Since:
2.6 * Maven coordinates: org.apache.camel:camel-eventadmin * * Syntax:
`<code>eventadmin:topic</code>` * * Path parameter: topic * Name of topic to listen or send to
630. * * OpenStack Keystone (camel-openstack) * The openstack-keystone component allows messages to be
sent to an * OpenStack identity services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates:
org.apache.camel:camel-openstack * * Syntax: `<code>openstack-keystone:host</code>` * * Path
parameter: host (required) * OpenStack host url
631. * * CometD (Secure) (camel-cometd) * The cometd component is a transport for working with the Jetty *
implementation of the cometd/bayeux protocol. * * Category: websocket * Since: 2.0 * Maven
coordinates: org.apache.camel:camel-cometd * * Syntax: `<code>cometds:host:port/channelName</code>`
* * Path parameter: host (required) * Hostname * * Path parameter: port (required) * Host port number *
* Path parameter: channelName (required) * The channelName represents a topic that can be subscribed
to by the Camel * endpoints.
632. * * OpenStack Glance (camel-openstack) * The openstack-glance component allows messages to be sent
to an OpenStack * image services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates:
org.apache.camel:camel-openstack * * Syntax: `<code>openstack-glance:host</code>` * * Path parameter:
host (required) * OpenStack host url
633. * * MongoDB GridFS (camel-mongodb-gridfs) * Component for working with MongoDB GridFS. * *
Category: database,nosql * Since: 2.18 * Maven coordinates: org.apache.camel:camel-mongodb-gridfs *
* Syntax: `<code>mongodb-gridfs:connectionBean</code>` * * Path parameter: connectionBean
(required) * Name of com.mongodb.MongoClient to use.
634. * * Robot Framework (camel-robotframework) * Represents a RobotFramework endpoint. * * Category:
testing * Since: 3.0 * Maven coordinates: org.apache.camel:camel-robotframework * * Syntax:
`<code>robotframework:resourceUri</code>` * * Path parameter: resourceUri (required) * Path to the
resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the

resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.

635. ** Openshift Build Config (camel-kubernetes) * The Kubernetes Build Config component provides a producer to execute * kubernetes build config operations. * * Category: container,cloud,paas * Since: 2.17 * Maven coordinates: org.apache.camel:camel-kubernetes * * Syntax: `<code>openshift-build-configs:masterUrl</code>` * * Path parameter: masterUrl (required) * Kubernetes Master url
636. ** Exec (camel-exec) * The exec component can be used to execute OS system commands. * * Category: system * Since: 2.3 * Maven coordinates: org.apache.camel:camel-exec * * Syntax: `<code>exec:executable</code>` * * Path parameter: executable (required) * Sets the executable to be executed. The executable must not be empty or * null.
637. ** CoAP (camel-coap) * The coap component is used for sending and receiving messages from COAP * capable devices. * * Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap
638. ** Flatpack (camel-flatpack) * The flatpack component supports fixed width and delimited file parsing * via the FlatPack library. * * Category: transformation * Since: 1.4 * Maven coordinates: org.apache.camel:camel-flatpack * * Syntax: `<code>flatpack:type:resourceUri</code>` * * Path parameter: type * Whether to use fixed or delimiter * Default value: delim * The value can be one of: fixed, delim * * Path parameter: resourceUri (required) * URL for loading the flatpack mapping file from classpath or file system
639. ** CoAP (Secure) (camel-coap) * The coap component is used for sending and receiving messages from COAP * capable devices. * * Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap * * Syntax: `<code>coaps:uri</code>` * * Path parameter: uri * The URI for the CoAP endpoint
640. ** Hazelcast Queue (camel-hazelcast) * The hazelcast-queue component is used to access Hazelcast distributed * queue. * * Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast * * Syntax: `<code>hazelcast-queue:cacheName</code>` * * Path parameter: cacheName (required) * The name of the cache
641. ** NSQ (camel-nsq) * Represents a nsq endpoint. * * Category: messaging * Since: 2.23 * Maven coordinates: org.apache.camel:camel-nsq * * Syntax: `<code>nsq:topic</code>` * * Path parameter: topic (required) * The name of topic we want to use
642. ** ActiveMQ (camel-activemq) * The activemq component allows messages to be sent to (or consumed from) * Apache ActiveMQ. This component extends the Camel JMS component. * * Category: messaging * Since: 1.0 * Maven coordinates: org.apache.camel:camel-activemq * * Syntax: `<code>activemq:destinationType:destinationName</code>` * * Path parameter: destinationType * The kind of destination to use * Default value: queue * The value can be one of: queue, topic, temp-queue, temp-topic * * Path parameter: destinationName (required) * Name of the queue or topic to use as destination
643. ** XMPP (camel-xmpp) * To send and receive messages from a XMPP (chat) server. * * Category: chat,messaging * Since: 1.0 * Maven coordinates: org.apache.camel:camel-xmpp * * Syntax: `<code>xmpp:host:port/participant</code>` * * Path parameter: host (required) * Hostname for the chat server * * Path parameter: port (required) * Port number for the chat server * * Path parameter: participant * JID (Jabber ID) of person to receive messages. room parameter has * precedence over participant.
644. ** IMAP (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. * * Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail * * Syntax: `<code>imap:host:port</code>` * * Path parameter: host (required) * The mail server host name * * Path parameter: port * The port number of the mail server
645. ** Spark (camel-spark) * The spark component can be used to send RDD or DataFrame jobs to Apache * Spark cluster. * * Category: bigdata,iot * Since: 2.17 * Maven coordinates: org.apache.camel:camel-spark * * Syntax: `<code>spark:endpointType</code>` * * Path parameter: endpointType (required) * Type of the endpoint (rdd, dataframe, hive). * The value can be one of: rdd, dataframe, hive
646. ** Hazelcast Set (camel-hazelcast) * The hazelcast-set component is used to access Hazelcast distributed set. * * Category: cache,datagrid * Since: 2.7 * Maven coordinates: org.apache.camel:camel-hazelcast * * Syntax: `<code>hazelcast-set:cacheName</code>` * * Path parameter: cacheName (required) * The name of the cache
647. ** CoAP (camel-coap) * The coap component is used for sending and receiving messages from COAP * capable devices. * * Category: iot * Since: 2.16 * Maven coordinates: org.apache.camel:camel-coap * * Syntax: `<code>coap+tcp:uri</code>` * * Path parameter: uri * The URI for the CoAP endpoint
648. ** DigitalOcean (camel-digitalocean) * The DigitalOcean component allows you to manage Droplets and resources * within the DigitalOcean cloud. * * Category: cloud,management * Since: 2.19 * Maven

- coordinates: org.apache.camel:camel-digitalocean * * Syntax: `<code>digitalocean:operation</code>` * * Path parameter: operation * The operation to perform to the given resource. * The value can be one of: create, update, delete, list, ownList, get, * listBackups, listActions, listNeighbors, listSnapshots, listKernels, * listAllNeighbors, enableBackups, disableBackups, reboot, powerCycle, * shutdown, powerOn, powerOff, restore, resetPassword, resize, rebuild, * rename, changeKernel, enableIpv6, enablePrivateNetworking, takeSnapshot, * transfer, convert, attach, detach, assign, unassign, tag, untag
649. * * IMAP (camel-mail) * To send or receive emails using imap/pop3 or smtp protocols. * * Category: mail * Since: 1.0 * Maven coordinates: org.apache.camel:camel-mail
650. * * Google Mail Stream (camel-google-mail) * The google-mail component provides access to Google Mail. * * Category: api,cloud,mail * Since: 2.22 * Maven coordinates: org.apache.camel:camel-google-mail * * Syntax: `<code>google-mail-stream:index</code>` * * Path parameter: index * Specifies an index for the endpoint
651. * * String Template (camel-stringtemplate) * Transforms the message using a String template. * * Category: transformation * Since: 1.2 * Maven coordinates: org.apache.camel:camel-stringtemplate * * Syntax: `<code>string-template:resourceUri</code>` * * Path parameter: resourceUri (required) * Path to the resource. You can prefix with: classpath, file, http, ref, or * bean. classpath, file and http loads the resource using these protocols * (classpath is default). ref will lookup the resource in the registry. * bean will call a method on a bean to be used as the resource. For bean * you can specify the method name after dot, eg bean:myBean.myMethod.
652. * * ZooKeeper (camel-zookeeper) * The zookeeper component allows interaction with a ZooKeeper cluster. * * Category: clustering * Since: 2.9 * Maven coordinates: org.apache.camel:camel-zookeeper * * Syntax: `<code>zookeeper:serverUrls/path</code>` * * Path parameter: serverUrls (required) * The zookeeper server hosts (multiple servers can be separated by comma) * * Path parameter: path (required) * The node in the ZooKeeper server (aka znode)
653. * * JT400 (camel-jt400) * The jt400 component allows you to exchanges messages with an AS/400 * system using data queues or program call. * * Category: messaging * Since: 1.5 * Maven coordinates: org.apache.camel:camel-jt400 * * Syntax: `<code>jt400:userID:password/systemName/objectPath.type</code>` * * Path parameter: userID (required) * Returns the ID of the AS/400 user. * * Path parameter: password (required) * Returns the password of the AS/400 user. * * Path parameter: systemName (required) * Returns the name of the AS/400 system. * * Path parameter: objectPath (required) * Returns the fully qualified integrated file system path name of the * target object of this endpoint. * * Path parameter: type (required) * Whether to work with data queues or remote program call * The value can be one of: DTAQ, PGM, SRVPGM
654. * * CMIS (camel-cmis) * The cmis component uses the Apache Chemistry client API and allows you to add/read nodes to/from a CMIS compliant content repositories. * * Category: cms,database * Since: 2.11 * Maven coordinates: org.apache.camel:camel-cmis * * Syntax: `<code>cmis:cmsUrl</code>` * * Path parameter: cmsUrl (required) * URL to the cmis repository
655. * * Ignite Cache (camel-ignite) * The Ignite Cache endpoint is one of camel-ignite endpoints which allows * you to interact with an Ignite Cache. * * Category: nosql,cache,compute * Since: 2.17 * Maven coordinates: org.apache.camel:camel-ignite * * Syntax: `<code>ignite-cache:cacheName</code>` * * Path parameter: cacheName (required) * The cache name.
656. * * LDIF (camel-ldif) * The ldif component allows you to do updates on an LDAP server from a LDIF * body content. * * Category: ldap * Since: 2.20 * Maven coordinates: org.apache.camel:camel-ldif * * Syntax: `<code>ldif:ldapConnectionName</code>` * * Path parameter: ldapConnectionName (required) * The name of the LdapConnection bean to pull from the registry. Note that * this must be of scope prototype to avoid it being shared among threads or * using a connection that has timed out.
657. * * Couchbase (camel-couchbase) * Represents a Couchbase endpoint that can query Views with a Poll strategy * and/or produce various type of operations. * * Category: database,nosql * Since: 2.19 * Maven coordinates: org.apache.camel:camel-couchbase * * Syntax: `<code>couchbase:protocol:hostname:port</code>` * * Path parameter: protocol (required) * The protocol to use * * Path parameter: hostname (required) * The hostname to use * * Path parameter: port * The port number to use * Default value: 8091
658. * * AWS KMS (camel-aws-kms) * The aws-kms is used for managing Amazon KMS * * Category: cloud,management * Since: 2.21 * Maven coordinates: org.apache.camel:camel-aws-kms * * Syntax: `<code>aws-kms:label</code>` * * Path parameter: label (required) * Logical name
659. * * JGroups raft (camel-jgroups-raft) * The jgroups component provides exchange of messages between Camel and * JGroups clusters. * * Category: clustering,messaging * Since: 2.24 * Maven coordinates: org.apache.camel:camel-jgroups-raft * * Syntax: `<code>jgroups-raft:clusterName</code>` * * Path

- parameter: clusterName (required) * The name of the JGroupsraft cluster the component should connect to.
660. ** CXF-RS (camel-cxf) * The cxf component is used for JAX-RS REST services using Apache CXF. *
 * Category: rest * Since: 2.0 * Maven coordinates: org.apache.camel:camel-cxf * * Syntax:
`<code>cxf:beanId:address</code>` * * Path parameter: beanId * To lookup an existing configured
 CxfRsEndpoint. Must used bean: as * prefix. * * Path parameter: address * The service publish address.
661. ** OpenStack Swift (camel-openstack) * The openstack-swift component allows messages to be sent to
 an OpenStack * object storage services. * * Category: cloud,paas * Since: 2.19 * Maven coordinates:
 org.apache.camel:camel-openstack * * Syntax: `<code>openstack-swift:host</code>` * * Path parameter:
 host (required) * OpenStack host url
662. ** Azure Storage Queue Service (camel-azure) * The azure-queue component is used for storing and
 retrieving messages * from Azure Storage Queue Service. * * Category: cloud,queue,azure * Since: 2.19
 * Maven coordinates: org.apache.camel:camel-azure * * Syntax: `<code>azure-queue:containerAndQueueUri</code>` * * Path parameter: containerAndQueueUri (required) * Container
 Queue compact Uri
663. ** Cassandra CQL (camel-cassandraql) * The cql component aims at integrating Cassandra 2.0 using the
 CQL3 API * (not the Thrift API). It's based on Cassandra Java Driver provided by * DataStax. * *
 Category: database,nosql * Since: 2.15 * Maven coordinates: org.apache.camel:camel-cassandraql * *
 Syntax: `<code>cql:beanRef:hosts:port/keyspace</code>` * * Path parameter: beanRef * beanRef is
 defined using bean:id * * Path parameter: hosts * Hostname(s) cassandra server(s). Multiple hosts can be
 separated by * comma. * * Path parameter: port * Port number of cassandra server(s) * * Path
 parameter: keyspace * Keyspace to use
664. ** SSH (camel-ssh) * The ssh component enables access to SSH servers such that you can send an *
 SSH command, and process the response. * * Category: file * Since: 2.10 * Maven coordinates:
 org.apache.camel:camel-ssh * * Syntax: `<code>ssh:host:port</code>` * * Path parameter: host (required)
 * Sets the hostname of the remote SSH server. * * Path parameter: port * Sets the port number for the
 remote SSH server. * Default value: 22
665. ** Infinispan (camel-infinispan) * For reading/writing from/to Infinispan distributed key/value store and
 * data grid. * * Category: cache,datagrid,clustering * Since: 2.13 * Maven coordinates:
 org.apache.camel:camel-infinispan * * Syntax: `<code>infinispan:cacheName</code>` * * Path parameter:
 cacheName (required) * The cache to use
666. ** CometD (camel-cometd) * The cometd component is a transport for working with the Jetty *
 implementation of the cometd/bayeux protocol. * * Category: websocket * Since: 2.0 * Maven
 coordinates: org.apache.camel:camel-cometd
667. ** AWS Kinesis (camel-aws-kinesis) * The aws-kinesis component is for consuming and producing
 records from * Amazon Kinesis Streams. * * Category: cloud,messaging * Since: 2.17 * Maven
 coordinates: org.apache.camel:camel-aws-kinesis * * Syntax: `<code>aws-kinesis:streamName</code>` *
 * Path parameter: streamName (required) * Name of the stream
668. ** Solr (Secure) (camel-solr) * The solr component allows you to interface with an Apache Lucene Solr
 * server. * * Category: monitoring,search * Since: 2.9 * Maven coordinates: org.apache.camel:camel-solr
 * * Syntax: `<code>solr:url</code>` * * Path parameter: url (required) * Hostname and port for the solr
 server
669. ** Spring WebService (camel-spring-ws) * The spring-ws component is used for SOAP WebServices
 using Spring * WebServices. * * Category: spring,soap,webservice * Since: 2.6 * Maven coordinates:
 org.apache.camel:camel-spring-ws * * Syntax: `<code>spring-ws:type:lookupKey:webServiceEndpointUri</code>` * * Path parameter: type * Endpoint mapping type if
 endpoint mapping is used. rootqname - Offers the * option to map web service requests based on the
 qualified name of the * root element contained in the message. soapaction - Used to map web * service
 requests based on the SOAP action specified in the header of the * message. uri - In order to map web
 service requests that target a * specific URI. xpathresult - Used to map web service requests based on the
 * evaluation of an XPath expression against the incoming message. The * result of the evaluation should
 match the XPath result specified in the * endpoint URI. beanname - Allows you to reference an *
 org.apache.camel.component.spring.ws.bean.CamelEndpointDispatcher object * in order to integrate with
 existing (legacy) endpoint mappings like * PayloadRootQNameEndpointMapping,
 SoapActionEndpointMapping, etc * The value can be one of: ROOT_QNAME, ACTION, TO,
 SOAP_ACTION, * XPATHRESULT, URI, URI_PATH, BEANNAME * * Path parameter: lookupKey *
 Endpoint mapping key if endpoint mapping is used * * Path parameter: webServiceEndpointUri * The
 default Web Service endpoint uri to use for the producer. * * Path parameter: expression * The XPath
 expression to use when option type=xpathresult. Then this * option is required to be configured.

git_commits:

1. **summary:** Fixed catalog test and polished websocket-jsr356
message: Fixed catalog test and polished websocket-jsr356

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

jira_issues_comments: