git_comments:

- 1. * * A {@link MultiBuildItem} holding a list of class names that would otherwise not be allowed to be registered for * reflection due to a Camel Quarkus policy.
- 2. * Licensed to the Apache Software Foundation (ASF) under one or more * contributor license agreements. See the NOTICE file distributed with * this work for additional information regarding copyright ownership. * The ASF licenses this file to You under the Apache License, Version 2.0 * (the "License"); you may not use this file except in compliance with * the License. You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License.
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- 4. comment: * * A list of classes annotated with <code>@UriParams</code> which we accept to be registered for reflection * mostly because there are errors when they are removed. TODO: solve the underlying problems and remove as * many entries as possible from the list. label: code-design
- 5. org.apache.camel.component.consul.* can be removed after the upgrade to Camel 3.1
- 6. to force the execution of this method
- 7. Make the build fail as long as there are banned classes registered for reflection
- 8. * Licensed to the Apache Software Foundation (ASF) under one or more * contributor license agreements. See the NOTICE file distributed with * this work for additional information regarding copyright ownership. * The ASF licenses this file to You under the Apache License, Version 2.0 * (the "License"); you may not use this file except in compliance with * the License. You may obtain a copy of the License at * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License.
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- 11. filter out camel-base converters which are automatically inlined in the CoreStaticTypeConverterLoader
- 12. enforce the policy in all tests

git_commits:

1. summary: Fix #518 Rely on configurers for Configuration classes instead of using message: Fix #518 Rely on configurers for Configuration classes instead of using reflection

github_issues:

1. title: Rely on configurers for Configuration classes instead of using reflection body: Once a fix for https://issues.apache.org/jira/browse/CAMEL-14263 reaches us, this once rejected PR https://github.com/apache/camelquarkus/pull/513 contains most of the required changes.

2. title: Rely on configurers for Configuration classes instead of using reflection body: Once a fix for https://issues.apache.org/jira/browse/CAMEL-14263 reaches us, this once rejected PR https://github.com/apache/camelquarkus/pull/513 contains most of the required changes.

github_issues_comments: github_pulls: github_pulls_comments: github_pulls_reviews: jira_issues:

1. summary: Generate configurers for types annotated with @UriParams

description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These classes are currently not covered by the generated configurer code and hence they need to get registered for reflection in Quarkus native mode. This is a sample stack trace how the DoserConfiguration is currently accessed reflectively: {code}

org.apache.camel.component.dozer.DozerConfiguration.setTargetModel(DozerConfiguration.java:94) at

sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke0(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.apache.camel.support.IntrospectionSupport.setProperty(IntrospectionSupport.java:715) at

org.apache.camel.impl.engine.DefaultBeanIntrospection.setProperty(DefaultBeanIntrospection.java:157) at

org.apache.camel.support.PropertyBindingSupport.setProperty(PropertyBindingSupport.java:696) at

org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at

org.apache.camel.support.PropertyBindingSupport.doBindProperties(PropertyBindingSupport.java:532) at

org.apache.camel.support.PropertyBindingSupport.access\$000(PropertyBindingSupport.java:61) at

org.apache.camel.support.PropertyBindingSupport\$Builder.bind(PropertyBindingSupport.java:249) at

org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:492) at org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:461) at

org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at

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org. apache. camel. support. Default Component. create Endpoint (Default Component. java: 240) \ at the properties of 
   org. a pache. camel. impl. engine. Abstract Camel Context. jet Endpoint (Abstract Camel Context. java: 755) \ at the context of the context
   org.apache.camel.impl.engine.DefaultRouteContext.resolveEndpoint(DefaultRouteContext.java:127) at
   org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 41) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 44) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Send Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. reifier. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. camel. Reifier. resolve Endpoint (Send Reifier. java: 34) \ at \ org. a pache. Reifier. resolve Endpoint (Send R
   org.apache.camel.reifier.ProcessorReifier.makeProcessorImpl(ProcessorReifier.java:571) at
   org.apache.camel.reifier.ProcessorReifier.makeProcessor(ProcessorReifier.java:537) at
   org.apache.camel.reifier.ProcessorReifier.addRoutes(ProcessorReifier.java:250) at
   org.apache.camel.reifier.RouteReifier.doCreateRoute(RouteReifier.java:108) at org.apache.camel.reifier.RouteReifier.createRoute(RouteReifier.java:108) at
   org. apache. camel. quarkus. core. Fast Model. start (Fast Model. java: 61) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. camel. quarkus. core. camel. qu
   org. apache. camel. quarkus. core. Base Model. start Route Definitions (Base Model. java: 320)\ at the property of the prope
   org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:299) at
   org.apache.camel.quarkus.core.FastCamelContext.startRouteDefinitions(FastCamelContext.java:139) at
   org.apache.camel.impl.engine.AbstractCamelContext.doStartCamel(AbstractCamelContext.java:2597) at
   org. a pache. camel. impl. engine. Abstract Camel Context. lambda \$doStart \$2 (Abstract Camel Context. java: 2445) \ at the context of the 
   org. a pache. camel. impl. engine. Abstract Camel Context. do With Defined Class Loader (Abstract Camel Context. java: 2462) \ at the property of the Context of the Cont
   org.apache.camel.impl.engine.AbstractCamelContext.doStart(AbstractCamelContext.java:2443) at
   org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117) at
   org.apache.camel.impl.engine.AbstractCamelContext.start(AbstractCamelContext.java:2352) at
    org.apache.camel.quarkus.core.CamelMain.doStart(CamelMain.java:47) at org.apache.camel.support.serviceSupport.start(ServiceSupport.java:117)
  at org.apache.camel.guarkus.core.CamelMainRecorder.start(CamelMainRecorder.java:79) at
   io.quarkus.deployment.steps.Main$start38.deploy_0(Main$start38.zig:97) at io.quarkus.deployment.steps.Main$start38.deploy(Main$start38.zig:36) at
    io.quarkus.runner.ApplicationImpl.doStart(ApplicationImpl.zig:161) at io.quarkus.runtime.Application.start(Application.java:94) at
   io.quarkus.runner.RuntimeRunner.run(RuntimeRunner.java:143) at
    io. quarkus. test. junit. Quarkus Test Extension. do Java Start (Quarkus Test Extension. java: 248) \ at the properties of the propertie
    io. quarkus. test. junit. Quarkus Test Extension. create Test Instance (Quarkus Test Extension. java: 393) \ at the property of the property
  org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.invokeTestInstanceFactory(ClassBasedTestDescriptor.java:285) at
   org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateTestClass(ClassBasedTestDescriptor.java:275) at
   org.junit.jupiter.engine.descriptor.ClassTestDescriptor.instantiateTestClass(ClassTestDescriptor.java:77) at
  org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateAndPostProcessTestInstance(ClassBasedTestDescriptor.java:258) at
   org. junit. jupiter. engine. descriptor. Class Based Test Descriptor. lambda \$test Instances Provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test
  java.util.Optional.orElseGet(Optional.java:267) at
  org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$3(ClassBasedTestDescriptor.java:251) at
    org.junit.jupiter.engine.execution.TestInstancesProvider.getTestInstances(TestInstancesProvider.java:29) at
   org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$prepare$0(TestMethodTestDescriptor.java:106) at
  org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
    org.junit.jupiter.engine.descriptor.Test Method Test Descriptor.prepare (Test Method Test Descriptor.java: 105) \ at the first Descriptor. Test Method Test Descriptor. Tes
   org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:69) at
  org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:107) at
    org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
   org.junit.platform.engine.support.hierarchical.NodeTestTask.prepare(NodeTestTask.java:107) at
  org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:75) at java.util.ArrayList.forEach(ArrayList.java:1257) at
    org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38)
   at\ org. junit. platform. engine. support. hierarchical. Node Test Task. lamb da \$execute Recursively \$5 (Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. java: 139)\ at\ org. junit. platform. engine. support. hierarchical. Node Test Task. junit. jun
   org. junit. platform. engine. support. hierarchical. Throwable Collector. execute (Throwable Collector. java: 73)\ at the content of the co
   org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:125) at
   org.junit.platform.engine.support.hierarchical.Node.around(Node.java:135) at
   org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:123) at
   org, junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
   org, junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:122) at
   org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at java.util.ÁrrayList.forEach(ArrayList.java:1257) at
   org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38)
   at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.lambda \$execute Recursively \$5 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.java: 139 (Node Test Task.java: 139)\ at\ org. junit.platform.engine.support.hierarchical.Node Test Task.jav
   org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
   org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:125) at
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   org. junit. platform. engine. support. hierarchical. No de Test Task. execute Recursively (No de Test Task. java: 122) \ at the properties of the properties of the test Task. for the properties of the propert
    org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at
  org, junit, platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.submit(SameThreadHierarchicalTestExecutorService.java:32)
   at\ org. junit.platform.engine.support.hierarchical. Hierarchical Test Executor.execute (Hierarchical Test Executor.java: 57)\ at\ at\ org. junit.platform.engine.support.hierarchical. Hierarchical Test Executor.execute (Hierarchical Test Executor.java: 57)\ at\ org. junit.platform.engine.support.hierarchical. Hierarchical Test Executor.execute (Hierarchical Test Executor.java: 57)\ at\ org. junit.platform.engine.support.hierarchical. Hierarchical Test Executor.execute (Hierarchical Test Executor.java: 57)\ at\ org. junit.platform.engine.support.hierarchical Test Executor.java: 57)\ at\ org. junit.java: 57)\ at\ org. ju
    org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) at
  org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:229) at
   org. junit.platform. launcher. core. De fault Launcher. lamb da \$execute \$6 (De fault Launcher. java: 197)\ at the properties of the pro
    org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:211) at
  org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:191) at
   org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) at
    org. a pache. maven. sure fire. junit plat form. JUnit Plat form Provider. invoke All Tests (JUnit Plat form Provider. java: 154) \ at the provider of the p
  org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
   org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:377) at
   org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:138) at
  org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:465) at
    org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}
. summary: Generate configurers for types annotated with @UriParams
    description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These
    classes are currently not covered by the generated configurer code and hence they need to get registered for reflection in Quarkus native mode. This is a
    sample stack trace how the DoserConfiguration is currently accessed reflectively: {code}
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    sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at
    sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at
  org.apache.camel.support.IntrospectionSupport.setProperty(IntrospectionSupport.java:715) at
   org.apache.camel.impl.engine.DefaultBeanIntrospection.setProperty(DefaultBeanIntrospection.java:157) at
   org.apache.camel.support.PropertyBindingSupport.setProperty(PropertyBindingSupport.java:696) at
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org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at

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org. a pache. camel. support. Property Binding Support. do Bind Properties (Property Binding Support. java: 532)\ at the property Binding Support of the pro
       org.apache.camel.support.PropertyBindingSupport.access$000(PropertyBindingSupport.java:61) at
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       org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:492) at
       org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:461) at
        org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at
       org.apache.camel.support.DefaultComponent.createEndpoint(DefaultComponent.java:240) at
       org.apache.camel.impl.engine.AbstractCamelContext.getEndpoint(AbstractCamelContext.java:755) at
       org.apache.camel.impl.engine.DefaultRouteContext.resolveEndpoint(DefaultRouteContext.java:127) at
       org.apache.camel.reifier.SendReifier.resolveEndpoint(SendReifier.java:34) at org.apache.camel.reifier.SendReifier.createProcessor(SendReifier.java:34) at
       org.apache.camel.reifier.ProcessorReifier.makeProcessorImpl(ProcessorReifier.java:571) at
       org.apache.camel.reifier.ProcessorReifier.makeProcessor(ProcessorReifier.java:537) at
       org.apache.camel.reifier.ProcessorReifier.addRoutes(ProcessorReifier.java:250) at
       org.apache.camel.reifier.RouteReifier.doCreateRoute(RouteReifier.java:108) at org.apache.camel.reifier.RouteReifier.createRoute(RouteReifier.java:108) at
       org. apache. camel. quarkus. core. Fast Model. start (Fast Model. java: 61) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. start Route (Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. Base Model. java: 327) \ at \ org. apache. camel. quarkus. core. camel. quarkus. core. camel. qu
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        org.apache.camel.impl.engine.AbstractCamelContext.doStartCamel(AbstractCamelContext.java:2597) at
       org.apache.camel.impl.engine.AbstractCamelContext.lambda$doStart$2(AbstractCamelContext.java:2445) at
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       io.quarkus.runner.RuntimeRunner.run(RuntimeRunner.java:143) at
        io. quarkus. test. junit. Quarkus Test Extension. do Java Start (Quarkus Test Extension. java: 248) \ at the properties of the propertie
        io.quarkus.test.junit.QuarkusTestExtension.createTestInstance(QuarkusTestExtension.java:393) at
       org. junit. jupiter. engine. descriptor. ClassBasedTestDescriptor. invoke TestInstanceFactory (ClassBasedTestDescriptor. java: 285) \ at the contract of the
        org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateTestClass(ClassBasedTestDescriptor.java:275) at
       org.junit.jupiter.engine.descriptor.ClassTestDescriptor.instantiateTestClass(ClassTestDescriptor.java:77) at
       org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateAndPostProcessTestInstance(ClassBasedTestDescriptor.java:258) at
        org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$2(ClassBasedTestDescriptor.java:252) at
       java.util.Optional.orElseGet(Optional.java:267) at
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        org.junit.jupiter.engine.execution.TestInstancesProvider.getTestInstances(TestInstancesProvider.java:29) at
       org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$prepare$0(TestMethodTestDescriptor.java:106) at
       org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
        org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:105) at
       org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:69) at
       org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:107) at
       org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
       org.junit.platform.engine.support.hierarchical.NodeTestTask.prepare(NodeTestTask.java:107) at
       org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:75) at java.util.ArrayList.forEach(ArrayList.java:1257) at
       org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38)
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       org. junit. platform. engine. support. hierarchical. Throwable Collector. execute (Throwable Collector. java: 73)\ at the content of the co
       org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:125) at
       org.junit.platform.engine.support.hierarchical.Node.around(Node.java:135) at
       org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:123) at
       org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
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        org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at
       org, junit, platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.submit(SameThreadHierarchicalTestExecutorService.java:32)
        at org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57) at
        org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) at
       org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:229) at
       org. junit. platform. launcher. core. De fault Launcher. lamb da \$execute \$6 (De fault Launcher. java: 197) \ at the properties of the p
       org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:211) at
       org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:191) at
        org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) at
       org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:154) at
       org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
        org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:377) at
       org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:138) at
       org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:465) at
        org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}
3. summary: Generate configurers for types annotated with @UriParams
        description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These
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description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These classes are currently not covered by the generated configurer code and hence they need to get registered for reflection in Quarkus native mode. This is a sample stack trace how the DoserConfiguration is currently accessed reflectively: {code} org.apache.camel.component.dozer.DozerConfiguration.setTargetModel(DozerConfiguration.java:94) at

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sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at
  sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at
 org.apache.camel.support.IntrospectionSupport.setProperty(IntrospectionSupport.java:715) at
 org.apache.camel.impl.engine.DefaultBeanIntrospection.setProperty(DefaultBeanIntrospection.java:157) at
 org.apache.camel.support.PropertyBindingSupport.setProperty(PropertyBindingSupport.java:696) at
  org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at
 org.apache.camel.support.PropertyBindingSupport.doBindProperties(PropertyBindingSupport.java:532) at
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 org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at
 org.apache.camel.support.DefaultComponent.createEndpoint(DefaultComponent.java:240) at
 org.apache.camel.impl.engine.AbstractCamelContext.getEndpoint(AbstractCamelContext.java:755) at
 org.apache.camel.impl.engine.DefaultRouteContext.resolveEndpoint(DefaultRouteContext.java:127) at
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  io.quarkus.test.junit.QuarkusTestExtension.createTestInstance(QuarkusTestExtension.java:393) at
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  org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateTestClass(ClassBasedTestDescriptor.java:275) at
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 org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
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 org.junit.platform.engine.support.hierarchical.NodeTestTask.prepare(NodeTestTask.java:107) at
 org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:75) at java.util.ArrayList.forEach(ArrayList.java:1257) at
 org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38)
 at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:139) at
 org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
 org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:125) at
 org.junit.platform.engine.support.hierarchical.Node.around(Node.java:135) at
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  org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at java.util.ArrayList.forEach(ArrayList.java:1257) at
 org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.java:38)
  at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:139) at
  org.junit.platform.engine.support.hierarchical.Throwable Collector.execute (Throwable Collector.java: 73)\ at the context of the context of
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 org. junit. platform. engine. support. hierarchical. Node Test Task. execute Recursively (Node Test Task. java: 122) \ at the property of th
 org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at
org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.java:32)
  at org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57) at
 org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) at
 org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:229) at
  org.junit.platform.launcher.core.Default Launcher.lambda \$ execute \$ 6 (Default Launcher.java: 197) \ at the properties of the propertie
 org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:211) at
org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:191) at
  org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) at
 org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:154) at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
 org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:377) at
 org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:138) at
```

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org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:465) at
        org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}
        label: code-design
4. summary: Generate configurers for types annotated with @UriParams
        description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These
        classes are currently not covered by the generated configurer code and hence they need to get registered for reflection in Quarkus native mode. This is a
        sample stack trace how the DoserConfiguration is currently accessed reflectively: {code}
        org.apache.camel.component.dozer.DozerConfiguration.setTargetModel(DozerConfiguration.java:94) at
        sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at
        sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at
        org.apache.camel.support.IntrospectionSupport.setProperty(IntrospectionSupport.java:715) at
        org.apache.camel.impl.engine.DefaultBeanIntrospection.setProperty(DefaultBeanIntrospection.java:157) at
        org.apache.camel.support.PropertyBindingSupport.setProperty(PropertyBindingSupport.java:696) at
        org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at
        org. a pache. camel. support. Property Binding Support. do Bind Properties (Property Binding Support. java: 532) \ at the property Binding Support of the pr
        org. a pache. camel. support. Property Binding Support. access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access \$000 (Property Binding Support. java: 61)\ at the property Binding Support access acc
        org.apache.camel.support.PropertyBindingSupport$Builder.bind(PropertyBindingSupport.java:249) at
        org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:492) at
        org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:461) at
        org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at
        org.apache.camel.support.DefaultComponent.createEndpoint(DefaultComponent.java:240) at
        org.apache.camel.impl.engine.AbstractCamelContext.getEndpoint(AbstractCamelContext.java:755) at
       org.apache.camel.impl.engine.DefaultRouteContext.resolveEndpoint(DefaultRouteContext.java:127) at
        org.apache.camel.reifier.SendReifier.resolveEndpoint(SendReifier.java:34) at org.apache.camel.reifier.SendReifier.createProcessor(SendReifier.java:34) at
        org.apache.camel.reifier.ProcessorReifier.makeProcessorImpl(ProcessorReifier.java:571) at
       org.apache.camel.reifier.ProcessorReifier.makeProcessor(ProcessorReifier.java:537) at
        org.apache.camel.reifier.ProcessorReifier.addRoutes(ProcessorReifier.java:250) at
        org, apache.camel.reifier.RouteReifier.doCreateRoute(RouteReifier.java: 384) at org, apache.camel.reifier.RouteReifier.createRoute(RouteReifier.java: 108) at
       org.apache.camel.quarkus.core.FastModel.start(FastModel.java:61) at org.apache.camel.quarkus.core.BaseModel.startRoute(BaseModel.java:327) at
        org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:320) at
        org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:299) at
        org.apache.camel.quarkus.core.FastCamelContext.startRouteDefinitions(FastCamelContext.java:139) at
        org.apache.camel.impl.engine.AbstractCamelContext.doStartCamel(AbstractCamelContext.java:2597) at
        org.apache.camel.impl.engine.AbstractCamelContext.lambda$doStart$2(AbstractCamelContext.java:2445) at
       org.apache.camel.impl.engine.AbstractCamelContext.doWithDefinedClassLoader(AbstractCamelContext.java:2462) at
        org.apache.camel.impl.engine.AbstractCamelContext.doStart(AbstractCamelContext.java:2443) at
        org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117) at
       org.apache.camel.impl.engine.AbstractCamelContext.start(AbstractCamelContext.java:2352) at
        org.apache.camel.quarkus.core.CamelMain.doStart(CamelMain.java:47) at org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117)
        at org.apache.camel.quarkus.core.CamelMainRecorder.start(CamelMainRecorder.java:79) at
       io.quarkus.deployment.steps.Main$start38.deploy_0(Main$start38.zig:97) at io.quarkus.deployment.steps.Main$start38.deploy(Main$start38.zig:36) at
        io.quarkus.runner.ApplicationImpl.doStart(ApplicationImpl.zig:161) at io.quarkus.runtime.Application.start(Application.java:94) at
        io.quarkus.runner.RuntimeRunner.run(RuntimeRunner.java:143) at
        io. quarkus. test. junit. Quarkus Test Extension. do Java Start (Quarkus Test Extension. java: 248) \ at the property of the
        io. quarkus. test. junit. Quarkus Test Extension. create Test Instance (Quarkus Test Extension. java: 393) \ at the property of the property
        org. junit. jupiter. engine. descriptor. ClassBasedTestDescriptor. invokeTestInstanceFactory (ClassBasedTestDescriptor. java: 285) \ at the contract of the 
        org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateTestClass(ClassBasedTestDescriptor.java:275) at
        org, junit.jupiter.engine.descriptor.ClassTestDescriptor.instantiateTestClass(ClassTestDescriptor.java:77) at
        org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateAndPostProcessTestInstance(ClassBasedTestDescriptor.java:258) at
        org. junit. jupiter. engine. descriptor. Class Based Test Descriptor. lambda \$test Instances Provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test Descriptor. java: 252) \ at the provider \$2 (Class Based Test
       java.util.Optional.orElseGet(Optional.java:267) at
        org. junit. jupiter. engine. descriptor. Class Based Test Descriptor. lamb da\$test Instances Provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test
        org.junit.jupiter.engine.execution. Test Instances Provider.get Test Instances (Test Instances Provider.java: 29) \ at the provider of the p
        org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$prepare$0(TestMethodTestDescriptor.java:106) at
        org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
        org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:105) at
       org. junit. jupiter.engine.descriptor.TestMethodTestDescriptor.prepare(TestMethodTestDescriptor.java:69) at
        org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:107) at
        org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
       org.junit.platform.engine.support.hierarchical.NodeTestTask.prepare(NodeTestTask.java:107) at
        org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:75) at java.util.ArrayList.forEach(ArrayList.java:1257) at
        org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38)
       at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask,java:139) at
        org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
        org.junit.platform.engine.support.hierarchical.Node Test Task.lambda \$ execute Recursively \$ 7 (Node Test Task.java: 125) \ at the properties of the prope
       org.junit.platform.engine.support.hierarchical.Node.around(Node.java:135) at
        org. junit. platform. engine. support. hierarchical. Node Test Task. lambda \$ execute Recursively \$ 8 (Node Test Task. java: 123) \ at the properties of t
        org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
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        org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at java.util.ArrayList.forEach(ArrayList.java:1257) at
        org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38)
       at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:139) at
        org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
        org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:125) at
        org.junit.platform.engine.support.hierarchical.Node.around(Node.java:135) at
        org.junit.platform.engine.support.hierarchical.Node Test Task.lambda \$ execute Recursively \$ 8 (Node Test Task.java: 123) \ at the properties of the prope
        org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
       org, junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:122) at
        org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at
        org, junit, platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.submit(SameThreadHierarchicalTestExecutorService.java:32)
        at org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57) at
        org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) at
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org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:229) at

org.junit.platform.launcher.core.DefaultLauncher.lambda\$execute\$6(DefaultLauncher.java:197) at

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org.junit.platform.launcher.core.Default Launcher.with Intercepted Streams (Default Launcher.java: 211) \ at the support of the properties of the properti
  org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:191) at
  org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) at
  org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:154) at
  org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
  org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:377) at
  org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:138) at
  org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:465) at
  org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}

    summary: Generate configurers for types annotated with @UriParams

  description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These
  classes are currently not covered by the generated configurer code and hence they need to get registered for reflection in Quarkus native mode. This is a
  sample stack trace how the DoserConfiguration is currently accessed reflectively: {code}
  org.apache.camel.component.dozer.DozerConfiguration.setTargetModel(DozerConfiguration.java:94) at
  sun.reflect. Native Method Accessor Impl. invoke 0 (Native\ Method)\ at\ sun.reflect. Native Method Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Method\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Accessor Impl. invoke (Native\ Method\ Accessor Impl. invoke)\ at\ sun.reflect. Native\ Accessor Impl. invoke (Native\ Method\ A
  sun.reflect. Delegating Method Accessor Impl. invoke (Delegating Method Accessor Impl. java: 43) \ at java.lang.reflect. Method. invoke (Method. java: 498) \ at java.lang.reflect. Method invoke (Method. java: 498) \ at java.lang.reflect. Method. invoke (Method. java: 498) \ at java.lang. Invo
  org.apache.camel.support.IntrospectionSupport.setProperty(IntrospectionSupport.java:715) at
  org.apache.camel.impl.engine.DefaultBeanIntrospection.setProperty(DefaultBeanIntrospection.java:157) at
  org.apache.camel.support.PropertyBindingSupport.setProperty(PropertyBindingSupport.java:696) at
 org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at
  org.apache.camel.support.PropertyBindingSupport.doBindProperties(PropertyBindingSupport.java:532) at
  org.apache.camel.support.PropertyBindingSupport.access$000(PropertyBindingSupport.java:61) at
 org.apache.camel.support.PropertyBindingSupport$Builder.bind(PropertyBindingSupport.java:249) at
  org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:492) at
  org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:461) at
 org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at
  org.apache.camel.support.DefaultComponent.createEndpoint(DefaultComponent.java:240) at
  org.apache.camel.impl.engine.AbstractCamelContext.getEndpoint(AbstractCamelContext.java:755) at
 org.apache.camel.impl.engine.DefaultRouteContext.resolveEndpoint(DefaultRouteContext.java:127) at
  org.apache.camel.reifier.SendReifier.resolveEndpoint(SendReifier.java:41) at org.apache.camel.reifier.SendReifier.createProcessor(SendReifier.java:34) at
  org.apache.camel.reifier.ProcessorReifier.makeProcessorImpl(ProcessorReifier.java:571) at
 org.apache.camel.reifier.ProcessorReifier.makeProcessor(ProcessorReifier.java:537) at
  org.apache.camel.reifier.ProcessorReifier.addRoutes(ProcessorReifier.java:250) at
  org.apache.camel.reifier.RouteReifier.doCreateRoute(RouteReifier.java:108) at org.apache.camel.reifier.RouteReifier.createRoute(RouteReifier.java:108) at
 org.apache.camel.quarkus.core.FastModel.start(FastModel.java:61) at org.apache.camel.quarkus.core.BaseModel.startRoute(BaseModel.java:327) at
  org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:320) at
  org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:299) at
  org.apache.camel.quarkus.core.FastCamelContext.startRouteDefinitions(FastCamelContext.java:139) at
  org.apache.camel.impl.engine.AbstractCamelContext.doStartCamel(AbstractCamelContext.java:2597) at
  org.apache.camel.impl.engine.AbstractCamelContext.lambda$doStart$2(AbstractCamelContext.java:2445) at
 org.apache.camel.impl.engine.AbstractCamelContext.doWithDefinedClassLoader(AbstractCamelContext.java:2462) at
  org.apache.camel.impl.engine.AbstractCamelContext.doStart(AbstractCamelContext.java:2443) at
  org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117) at
  org.apache.camel.impl.engine.AbstractCamelContext.start(AbstractCamelContext.java:2352) at
  org.apache.camel.quarkus.core.CamelMain.doStart(CamelMain.java:47) at org.apache.camel.support.serviceSupport.start(ServiceSupport.java:117)
  at org.apache.camel.quarkus.core.CamelMainRecorder.start(CamelMainRecorder.java:79) at
  io.quarkus.deployment.steps.Main$start38.deploy_0(Main$start38.zig:97) at io.quarkus.deployment.steps.Main$start38.deploy(Main$start38.zig:36) at
  io.quarkus.runner.ApplicationImpl.doStart(ApplicationImpl.zig:161) at io.quarkus.runtime.Application.start(Application.java:94) at
  io.quarkus.runner.RuntimeRunner.run(RuntimeRunner.java:143) at
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  io. quarkus. test. junit. Quarkus Test Extension. create Test Instance (Quarkus Test Extension. java: 393) \ at the property of the property
  org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.invokeTestInstanceFactory(ClassBasedTestDescriptor.java:285)\ at the property of the property o
  org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateTestClass(ClassBasedTestDescriptor.java:275) at
  org, junit.jupiter.engine.descriptor.ClassTestDescriptor.instantiateTestClass(ClassTestDescriptor.java:77) at
  org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateAndPostProcessTestInstance(ClassBasedTestDescriptor.java:258) at
  org, junit, jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$2(ClassBasedTestDescriptor.java:252) at
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  org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:107) at
  org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
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         org.junit.platform.launcher.core.DefaultLauncher.lambda$execute$6(DefaultLauncher.java:197) at
         org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:211) at
         org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:191) at
         org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) at
         org. a pache. maven. sure fire. junit platform. JUnit Platform Provider. invoke All Tests (JUnit Platform Provider. java: 154) \ at the provider of the prov
         org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
         org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:377) at
         org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:138) at
         org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:465) at
         org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}
6. summary: Generate configurers for types annotated with @UriParams
         description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These
         classes are currently not covered by the generated configurer code and hence they need to get registered for reflection in Quarkus native mode. This is a
         sample stack trace how the DoserConfiguration is currently accessed reflectively: {code}
         org.apache.camel.component.dozer.DozerConfiguration.setTargetModel(DozerConfiguration.java:94) at
         sun.reflect. Native Method Accessor Impl. invoke 0 (Native Method) \ at sun.reflect. Native Method Accessor Impl. invoke (Native Method Accessor Impl. invoke
         sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at
        org.apache.camel.support.IntrospectionSupport.setProperty(IntrospectionSupport.java:715) at
         org.apache.camel.impl.engine.DefaultBeanIntrospection.setProperty(DefaultBeanIntrospection.java:157) at
         org.apache.camel.support.PropertyBindingSupport.setProperty(PropertyBindingSupport.java:696) at
        org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at
         org.apache.camel.support.PropertyBindingSupport.doBindProperties(PropertyBindingSupport.java:532) at
         org.apache.camel.support.PropertyBindingSupport.access$000(PropertyBindingSupport.java:61) at
        org.apache.camel.support.PropertyBindingSupport$Builder.bind(PropertyBindingSupport.java:249) at
         org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:492) at
         org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:461) at
        org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at
         org.apache.camel.support.DefaultComponent.createEndpoint(DefaultComponent.java:240) at
         org.apache.camel.impl.engine.AbstractCamelContext.getEndpoint(AbstractCamelContext.java:755) at
        org.apache.camel.impl.engine.DefaultRouteContext.resolveEndpoint(DefaultRouteContext.java:127) at
         org.apache.camel.reifier.SendReifier.resolveEndpoint(SendReifier.java:41) at org.apache.camel.reifier.SendReifier.createProcessor(SendReifier.java:34) at
         org.apache.camel.reifier.ProcessorReifier.makeProcessorImpl(ProcessorReifier.java:571) at
        org.apache.camel.reifier.ProcessorReifier.makeProcessor(ProcessorReifier.java:537) at
         org.apache.camel.reifier.ProcessorReifier.addRoutes(ProcessorReifier.java:250) at
         org.apache.camel.reifier.RouteReifier.doCreateRoute(RouteReifier.java:108) at org.apache.camel.reifier.RouteReifier.createRoute(RouteReifier.java:108) at
        org.apache.camel.quarkus.core.FastModel.start(FastModel.java:61) at org.apache.camel.quarkus.core.BaseModel.startRoute(BaseModel.java:327) at
         org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:320) at
         org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:299) at
         org.apache.camel.quarkus.core.FastCamelContext.startRouteDefinitions(FastCamelContext.java:139) at
         org.apache.camel.impl.engine.AbstractCamelContext.doStartCamel(AbstractCamelContext.java:2597) at
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org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
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org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}
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org.apache.camel.component.dozer.DozerConfiguration.setTargetModel(DozerConfiguration.java:94) at
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 io.quarkus.runner.RuntimeRunner.run(RuntimeRunner.java:143) at
 io.quarkus.test.junit.QuarkusTestExtension.doJavaStart(QuarkusTestExtension.java:248) at
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  description: Components such as Dozer, Telegram and others use {{@UriParams}} annotated Configuration classes to define the URI parameters. These
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 org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:107) at
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 org.junit.platform.engine.support.hierarchical.NodeTestTask.prepare(NodeTestTask.java:107) at
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org.junit.platform.engine.support.hierarchical.Node Test Task.execute (Node Test Task.java:75)\ at\ java.util.Array List.for Each (Array List.java:1257)\ at\ java.util.Array List.for Each 
          org.junit.platform.engine.support.hierarchical. Same Thread Hierarchical Test Executor Service.invoke All (Same Thread Hierarchical Test Executor Service.java: 38) \\
          at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:139) at
         org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
          org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:125) at
          org.junit.platform.engine.support.hierarchical.Node.around(Node.java:135) at
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           org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at
         org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.submit(SameThreadHierarchicalTestExecutorService.java:32)
           at org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57) at
           org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) at
         org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:229) at
          org.junit.platform.launcher.core.DefaultLauncher.lambda$execute$6(DefaultLauncher.java:197) at
           org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:211) at
         org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:191) at
          org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) at
          org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:154) at
         org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
          org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:377) at
          org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:138) at
          org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:465) at
           org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}
          label: code-design
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           classes are currently not covered by the generated configurer code and hence they need to get registered for reflection in Quarkus native mode. This is a
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           org. a pache. camel. component. dozer. Dozer Configuration. set Target Model (Dozer Configuration. java: 94)\ at the following properties of the propertie
          sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke0(NativeMethodAccessorImpl.java:62) at
          sun.reflect. Delegating Method Accessor Impl. invoke (Delegating Method Accessor Impl. java: 43) \ at java.lang.reflect. Method. invoke (Method. java: 498) \ at java.lang.reflect. Method. java: 498) \ at java.lang. The java.lang. Method. java: 498) \ at ja
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          org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at
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          org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:492) at
          org.apache.camel.support.DefaultComponent.setProperties(DefaultComponent.java:461) at
          org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at
          org.apache.camel.support.DefaultComponent.createEndpoint(DefaultComponent.java:240) at
          org.apache.camel.impl.engine.AbstractCamelContext.jetEndpoint(AbstractCamelContext.java:755) at
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          org.apache.camel.reifier.SendReifier.resolveEndpoint(SendReifier.java:34) at org.apache.camel.reifier.SendReifier.createProcessor(SendReifier.java:34) at
          org.apache.camel.reifier.ProcessorReifier.makeProcessorImpl(ProcessorReifier.java:571) at
         org.apache.camel.reifier.ProcessorReifier.makeProcessor(ProcessorReifier.java:537) at
          org. apache. camel. reifier. Processor Reifier. add Routes (Processor Reifier. java: 250)\ at
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         org.apache.camel.quarkus.core.FastModel.start(FastModel.java:61) at org.apache.camel.quarkus.core.BaseModel.startRoute(BaseModel.java:327) at
          org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:320) at
           org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:299) at
          org.apache.camel.quarkus.core.FastCamelContext.startRouteDefinitions(FastCamelContext.java:139) at
          org.apache.camel.impl.engine.AbstractCamelContext.doStartCamel(AbstractCamelContext.java:2597) at
           org. a pache. camel. impl. engine. Abstract Camel Context. lambda \$doStart\$2 (Abstract Camel Context. java: 2445)\ at the context of the co
         org.apache.camel.impl.engine.AbstractCamelContext.doWithDefinedClassLoader(AbstractCamelContext.java:2462) at
          org.apache.camel.impl.engine.AbstractCamelContext.doStart(AbstractCamelContext.java:2443) at
           org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117) at
         org.apache.camel.impl.engine.AbstractCamelContext.start(AbstractCamelContext.java:2352) at
           org.apache.camel.quarkus.core.CamelMain.doStart(CamelMain.java:47) at org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117)
          at org.apache.camel.quarkus.core.CamelMainRecorder.start(CamelMainRecorder.java:79) at
         io.quarkus.deployment.steps.Main$start38.deploy_0(Main$start38.zig:97) at io.quarkus.deployment.steps.Main$start38.deploy(Main$start38.zig:36) at
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           io.quarkus.runner.RuntimeRunner.run(RuntimeRunner.java:143) at
          io.quarkus.test.junit.QuarkusTestExtension.doJavaStart(QuarkusTestExtension.java:248) at
           io. quarkus. test. junit. Quarkus Test Extension. create Test Instance (Quarkus Test Extension. java: 393) \ at the property of the property
          org. junit. jupiter. engine. descriptor. ClassBasedTestDescriptor. invoke TestInstanceFactory (ClassBasedTestDescriptor. java: 285) \ at the contract of the
         org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateTestClass(ClassBasedTestDescriptor.java:275) at
           org. junit. jupiter. engine. descriptor. Class Test Descriptor. instantiate Test Class (Class Test Descriptor. java: 77)\ at the properties of the propert
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             sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at
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             org.apache.camel.impl.engine.DefaultBeanIntrospection.setProperty(DefaultBeanIntrospection.java:157) at
             org.apache.camel.support.PropertyBindingSupport.setProperty(PropertyBindingSupport.java:696) at
             org.apache.camel.support.PropertyBindingSupport.bindProperty(PropertyBindingSupport.java:550) at
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            org.apache.camel.component.dozer.DozerComponent.createEndpoint(DozerComponent.java:44) at
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             org.apache.camel.impl.engine.AbstractCamelContext.getEndpoint(AbstractCamelContext.java:755) at
            org.apache.camel.impl.engine.DefaultRouteContext.resolveEndpoint(DefaultRouteContext.java:127) at
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             org.apache.camel.reifier.ProcessorReifier.makeProcessorImpl(ProcessorReifier.java:571) at
            org.apache.camel.reifier.ProcessorReifier.makeProcessor(ProcessorReifier.java:537) at
             org.apache.camel.reifier.ProcessorReifier.addRoutes(ProcessorReifier.java:250) at
             org.apache.camel.reifier.RouteReifier.doCreateRoute(RouteReifier.java:384) at org.apache.camel.reifier.RouteReifier.createRoute(RouteReifier.java:108) at
            org.apache.camel.quarkus.core.FastModel.start(FastModel.java:61) at org.apache.camel.quarkus.core.BaseModel.startRoute(BaseModel.java:327) at
             org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:320) at
             org.apache.camel.quarkus.core.BaseModel.startRouteDefinitions(BaseModel.java:299) at
            org.apache.camel.quarkus.core.FastCamelContext.startRouteDefinitions(FastCamelContext.java:139) at
             org.apache.camel.impl.engine.AbstractCamelContext.doStartCamel(AbstractCamelContext.java:2597) at
             org.apache.camel.impl.engine.AbstractCamelContext.lambda$doStart$2(AbstractCamelContext.java:2445) at
            org.apache.camel.impl.engine.AbstractCamelContext.doWithDefinedClassLoader(AbstractCamelContext.java:2462) at
             org.apache.camel.impl.engine.AbstractCamelContext.doStart(AbstractCamelContext.java:2443) at
             org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117) at
             org.apache.camel.impl.engine.AbstractCamelContext.start(AbstractCamelContext.java:2352) at
             org.apache.camel.quarkus.core.CamelMain.doStart(CamelMain.java:47) at org.apache.camel.support.service.ServiceSupport.start(ServiceSupport.java:117)
             at org.apache.camel.quarkus.core.CamelMainRecorder.start(CamelMainRecorder.java:79) at
            io.quarkus.deployment.steps.Main$start38.deploy_0(Main$start38.zig;97) at io.quarkus.deployment.steps.Main$start38.deploy(Main$start38.zig;36) at
             io. quarkus. runner. Application Impl. do Start (Application Impl. zig: 161) \ at io. quarkus. runtime. Application. start (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. at its constant (Application. java: 94) \ at io. quarkus. runtime. Application. Application. at io. quarkus. runtime. Application. Application. Application. at io. quarkus. runtime. Application. Application. at io. quarkus. runtime. Application. Application. Application. at io. quarkus. runtime. Application. at io. quarkus. runtime. Appl
             io.quarkus.runner.RuntimeRunner.run(RuntimeRunner.java:143) at
             io. quarkus. test. junit. Quarkus Test Extension. do Java Start (Quarkus Test Extension. java: 248) \ at the property of the
             io. quarkus. test. junit. Quarkus Test Extension. create Test Instance (Quarkus Test Extension. java: 393) \ at the property of the property
             org. junit. jupiter. engine. descriptor. Class Based Test Descriptor. invoke Test Instance Factory (Class Based Test Descriptor. java: 285) \ at the property of the propert
             org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.instantiateTestClass(ClassBasedTestDescriptor.java:275) at
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org.junit.jupiter.engine.descriptor.Class Test Descriptor.instantiate Test Class (Class Test Descriptor.java: 77)\ at the property of the pr
 org. junit. jupiter. engine. descriptor. Class Based Test Descriptor. instantiate And Post Process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process Test Instance (Class Based Test Descriptor. java: 258) \ at the process T
 org.junit.jupiter.engine.descriptor.ClassBasedTestDescriptor.lambda$testInstancesProvider$2(ClassBasedTestDescriptor.java:252) at
java.util.Optional.orElseGet(Optional.java:267) at
 org. junit. jupiter. engine. descriptor. Class Based Test Descriptor. lambda\$ test Instances Provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$3 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test Descriptor. java: 251) \ at the provider \$4 (Class Based Test
 org. junit. jupiter.engine.execution. TestInstancesProvider.getTestInstances(TestInstancesProvider.java:29) at
 org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$prepare$0(TestMethodTestDescriptor.java:106) at
 org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
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 org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$prepare$1(NodeTestTask.java:107) at
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 org. junit. platform. engine. support. hierarchical. Same Thread Hierarchical Test Executor Service. java: 38) \\
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  org.junit.platform.engine.support.hierarchical.Node.around(Node.java:135) at
 org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:123) at
 org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
  org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:122) at
 org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:80) at java.util.ArrayList.forEach(ArrayList.java:1257) at
  org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:38)
  at org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$5(NodeTestTask.java:139) at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73) at
  org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$7(NodeTestTask.java:125) at
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  org. junit. platform. engine. support. hierarchical. Same Thread Hierarchical Test Executor Service. submit (Same Thread Hierarchical Test Executor Service. java: 32) and the properties of t
 at org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57) at
org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:51) at
  org. junit. platform. launcher. core. De fault Launcher. execute (De fault Launcher. java: 229)\ at the context of the conte
  org.junit.platform.launcher.core.DefaultLauncher.lambda$execute$6(DefaultLauncher.java:197) at
 org.junit.platform.launcher.core.DefaultLauncher.withInterceptedStreams(DefaultLauncher.java:211) at
  org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:191) at
 org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:128) at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:154) at
  org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:127) at
 org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:377) at
 org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:138) at
  org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:465) at
 org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:451) {code}
```

jira_issues_comments:

- 1. Okay so its only endpoint options where the configuration class is not included in the source code generated file as its not intended as an option.
- 2. Okay so its only endpoint options where the configuration class is not included in the source code generated file as its not intended as an option.
- 3. **body:** Ah okay so its some Camel components that are wrong like camel-dozer that dont use the source code generated configurer. **label:** code-design
- 4. There are a number of components that has this problem *DONE * camel-avro/src/main/java/org/apache/camel/component/avro/AvroComponent.java: setProperties(config, parameters); camel-cm-sms/src/main/java/org/apache/camel/component/cm/CMComponent.java: setProperties(config, parameters); camel-crypto-cms/src/main/java/org/apache/camel/component/crypto/cms/CryptoCmsComponent.java: setProperties(config, parameters); camel-cryptocms/src/main/java/org/apache/camel/component/crypto/cms/CryptoCmsComponent.java: setProperties(config, parameters); camel-crypto-cms/crypto-ccms/src/main/java/org/apache/camel/component/crypto/cms/CryptoCmsComponent.java: setProperties(config, parameters); camel-cryptocms/src/main/java/org/apache/camel/component/crypto/cms/CryptoCmsComponent.java: setProperties(config, parameters); camelcrypto/src/main/java/org/apache/camel/component/crypto/DigitalSignatureComponent.java: setProperties(config, parameters); camel-elasticsearchrest/src/main/java/org/apache/camel/component/elasticsearch/ElasticsearchComponent.java: setProperties(config, parameters); camelganglia/src/main/java/org/apache/camel/component/ganglia/GangliaComponent.java: setProperties(config, parameters); camelgora/src/main/java/org/apache/camel/component/gora/GoraComponent.java: setProperties(config, parameters); camelgrpc/src/main/java/org/apache/camel/component/grpc/GrpcComponent.java: setProperties(config, parameters); camelhazelcast/src/main/java/org/apache/camel/component/hazelcast/queue/HazelcastQueueComponent.java: setProperties(config, parameters); camelhazelcast/src/main/java/org/apache/camel/component/hazelcast/seda/HazelcastSedaComponent.java: setProperties(config, parameters); camelhazelcast/src/main/java/org/apache/camel/component/hazelcast/topic/HazelcastTopicComponent.java: setProperties(config, parameters); camelkubernetes/src/main/java/org/apache/camel/component/kubernetes/AbstractKubernetesComponent.java: setProperties(config, parameters); camelmina/src/main/java/org/apache/camel/component/mina/MinaComponent.java: setProperties(config, parameters); camelnagios/src/main/java/org/apache/camel/component/nagios/NagiosComponent.java: setProperties(config, parameters); camelnats/src/main/java/org/apache/camel/component/nats/NatsComponent.java: setProperties(config, parameters); camel-nettyhttp/src/main/java/org/apache/camel/component/netty/http/NettyHttpComponent.java: setProperties(config, parameters); camelsmpp/src/main/java/org/apache/camel/component/smpp/SmppComponent.java: setProperties(config, parameters); camel-sparkrest/src/main/java/org/apache/camel/component/sparkrest/SparkComponent.java: setProperties(config, parameters); camelstomp/src/main/java/org/apache/camel/component/stomp/StompComponent.java: setProperties(config, parameters); camelthrift/src/main/java/org/apache/camel/component/thrift/ThriftComponent.java: setProperties(config, parameters); camelzookeeper/src/main/java/org/apache/camel/component/zookeeper/ZooKeeperComponent.java: setProperties(config, parameters); 5. *DONE * camel-avro/src/main/java/org/apache/camel/component/avro/AvroComponent.java: setProperties(config, parameters); camel-cm-
- 5. *DONE * camel-avro/src/main/java/org/apache/camel/component/avro/AvroComponent.java: setProperties(config, parameters); camel-cm-sms/src/main/java/org/apache/camel/component/cm/CMComponent.java: setProperties(config, parameters); camel-crypto-cms/src/main/java/org/apache/camel/component/crypto/cms/CryptoCmsComponent.java: setProperties(config, parameters); camel-crypto-cms/src/main/java/org/apache/camel/component/crypto/cms/CryptoCmsComponent.java: setProperties(config, parameters); camel-crypto-cms/src/main/java/org/apache/camel/component/crypto/cms/CryptoCmsComponent.java: setProperties(config, parameters); camel-crypto-src/main/java/org/apache/camel/component/crypto/DigitalSignatureComponent.java: setProperties(config, parameters); camel-elasticsearch/Elasticsearch/Elasticsearch/Component.java: setProperties(config, parameters); camel-elasticsearch/Elasticsearch/Component.java: setProperties(config, parameters); camel-elasticsearch/Elasticsearch/Component.java: setProperties(config, parameters); camel-elasticsearch/Elasticsearch/Component.java: setProperties(config, parameters); camel-elasticsearch/Elasticsearch/Component.java: setProperties(config, parameters); camel-elasticsearch/Elasticsea

ganglia/src/main/java/org/apache/camel/component/ganglia/GangliaComponent.java: setProperties(config, parameters); camelgora/src/main/java/org/apache/camel/component/gora/GoraComponent.java: setProperties(config, parameters); camelgrpc/src/main/java/org/apache/camel/component/grpc/GrpcComponent.java: setProperties(config, parameters); camelhazelcast/src/main/java/org/apache/camel/component/hazelcast/queue/HazelcastQueueComponent.java: setProperties(config, parameters); camelhazelcast/src/main/java/org/apache/camel/component/hazelcast/seda/HazelcastSedaComponent.java: setProperties(config, parameters); camelhazelcast/src/main/java/org/apache/camel/component/hazelcast/topic/HazelcastTopicComponent.java: setProperties(config, parameters); camelkubernetes/src/main/java/org/apache/camel/component/kubernetes/AbstractKubernetesComponent.java: setProperties(config, parameters); camelmina/src/main/java/org/apache/camel/component/mina/MinaComponent.java: setProperties(config, parameters); camelnagios/src/main/java/org/apache/camel/component/nagios/NagiosComponent.java: setProperties(config, parameters); *DONE* camelnats/src/main/java/org/apache/camel/component/nats/NatsComponent.java: setProperties(config, parameters); *DONE* camel-nettyhttp/src/main/java/org/apache/camel/component/netty/http/NettyHttpComponent.java: setProperties(config, parameters); *DONE* camelsmpp/src/main/java/org/apache/camel/component/smpp/SmppComponent.java: setProperties(config, parameters); *not needed, it is calling setProperties(config, parameters), during a copy of the configuration* camel-sparkrest/src/main/java/org/apache/camel/component/sparkrest/SparkComponent.java: setProperties(config, parameters); *DONE* camelstomp/src/main/java/org/apache/camel/component/stomp/StompComponent.java: setProperties(config, parameters); *DONE* camelthrift/src/main/java/org/apache/camel/component/thrift/ThriftComponent.java: set Properties (config, parameters); camel-parameters (czookeeper/src/main/java/org/apache/camel/component/zookeeper/ZooKeeperComponent.java: setProperties(config, parameters);

- 6. You can run to see status git grep "setProperties(config, parameters);"
- 7. Okay we almost got all of them. The crypto-cms is a component that needs a bit of extra care, i will look into this monday morning.
- 8. **body:** Okay got this fixed for 3.1, a few slipped the 3.0.1. And crypto-cms is just too much of a mess so there is a ticket about that. **label:** code-design