

**git\_comments:**

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9. tokenize(header(foo), ,) -> header("foo").tokenize(",")
10. append(body, World!) -> body().append(" World!")
11. header(foo) -> header("foo")
12. \* \* Render a simple expression: header(foo) -> header("foo") \* tokenize(header(foo), ,) -> header("foo").tokenize(",") \* \* @param buffer \* @param expression
13. render a language expression
14. \* \* Render a language expression \* \* @param buffer \* @param expression
15. \* \* Render an expression clause \* \* @param buffer \* @param expression
16. tokenize(body, ,) -> body().tokenize(",")
17. render a methodCall expression
18. \* \* a common render method to process the expressionDefinition \* \* @param buffer \* @param expression
19. \* \* Render a constant: constant("") \* \* @param expression \* @param buffer
20. \* \* Render routes in Groovy language
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22. render the outputs of the router
23. buffer.append(".").append(output.getShortName()).append("");

24. TODO Auto-generated method stub
25. render the error handler
26. `** render a RouteDefinition ** @throws IOException`
27. `** render a ProcessorDefiniton`
28. `** render a RoutesDefinition`
29. render the inputs of the router
30. `**`
31. `** 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.`
32. `**`
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34. replace == with isEqualTo
35. `**`
36. `** 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.`
37. for inOnly and inOut
38. for wireTap and simple to
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40. `** A Text Renderer which is used to marshal the route in specific language`
41. `kickoff?period=9999910000\").setHeader("id\").constant("foo\").setBody().constant("a b c\").split(body().tokenize("\ ")).to("seda:split");"`
42. `** 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.`
43. `** a route involving a external class: CamelException ** @throws Exception`
44. `** a set of routes that uses aggregate DSL ** @throws Exception`
45. `** a test case for aggregate DSL`
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51. failed().maximumRedeliveries(3).redeliverDelay(5000).handled(true));from(\"direct:start\").to(\"mock:result\");
52. failed().maximumRedeliveries(3).redeliverDelay(5000).handled(false));from(\"direct:start\").to(\"mock:result\");
53. failed().maximumRedeliveries(0).redeliverDelay(1000).handled(false));from(\"direct:start\").to(\"mock:result\");
54. \* a test case for some deadLetter DSL: errorHandler(deadLetter()).to()
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57. \* a test case for enricher DSL
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62. \* Test for GroovyRenderer

63. \* \* An abstract class that provides basic support for GroovyRenderer test
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67. \* \* a test case for loop DSL
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70. \* \* a test case for marshal and unmarshal DSL
71. \* \* a test case for normalizer DSL: from().to()
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76. \* a test case for some basic DSL: from().to()  
77. \*
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92. \* \* a test case for some basic DSL: from().to()
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99. students/student\").to(\"mock:result\");
100. \* \* a test case for wire tap DSL
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103. \* \* a test case for xpath DSL
104. add or update the route
105. add the route builder into a temporary camel context
106. get all the added routes and add them into current context
107. set id only for the first route
108. File file = storeRoute(route, LANGUAGE\_GROOVY);

109. \* \* Looks up an individual route with specified language  
110. -----

#### git\_commits:

1. **summary:** CAMEL-1392 - add web console support for rendering Groovy routes.  
**message:** CAMEL-1392 - add web console support for rendering Groovy routes. Thanks to Xueqiang Mi for this! git-svn-id: <https://svn.apache.org/repos/asf/camel/trunk@795901> 13f79535-47bb-0310-9956-ffa450edef68

#### github\_issues:

#### github\_issues\_comments:

#### github\_pulls:

#### github\_pulls\_comments:

#### github\_pulls\_reviews:

#### jira\_issues:

1. **summary:** groovy renderer  
**description:**

#### jira\_issues\_comments:

1. del the view all routes page; fixed the bug willem and jonathan mentioned here.
2. Thanks Xueqiang, I've just committed your latest See <http://svn.apache.org/viewvc?rev=811485&view=rev>
3. Calling this complete. Xueqiang, feel free to make any changes to the web console under new tickets as they happen.
4. add Split, InterceptFrom, InterceptSendToEndpoint DSL support improve LoadBalancer, Stream, StreamCaching support
5. add OnException, OnCompletion, AOP and Resequence DSLs support
6. add renderRoutes method for groovy renderer improve InterceptFrom support
7. add Rollback, Stop DSL support improve predicateRenderer and add test cases for it.
8. add some test cases and DSL support
9. There is a code style error I can't fix. I don't know why it occurs though I modify that line of code. [INFO] Velocity successfully started. [INFO] [checkstyle:checkstyle {execution: validate}] [INFO] Starting audit... F:\camel\trunk\components\camel-web\src\main\java\org\apache\camel\web\util\OutputDefinitionRenderer.java:60:5: Executable statement count is 89 (max allowed is 75). Audit done.
10. Xueqiang, I just committed your latest patch. Keep up the good work! <http://svn.apache.org/viewvc?rev=803128&view=rev>
11. yep, I thought you meant to refactor the method name rather than the method body. Now when shortening the method, the error really goes away. Thanks.
12. Add create new route and view all routes link on routes page; Let route editor return into sitemesh decorator
13. Hi Xueqiang, I just tried to apply camel-20090816.patch against the latest trunk and it failed. I noticed a couple of errors like duplicated diffs, etc in the patch file. How did you generate it?
14. @ Xueqiang Can you take a look at the unit tests in the org.apache.camel.web.groovy which are commented out? There are about 10 tests which do work now.
15. Ah, I see there was some checkstyle fixes made today to camel-web. Xueqiang, could you update to the latest trunk and re-submit your patch? Cheers, Jon
16. I think the method is just too long. Factor it out into several smaller methods to see if that helps. I did a quick test where I basically commented out half of the method and it passed.
17. Oh, I will check it again and re-submit it some later.
18. Add filter().xpath() support; Let camel reserve the original id on the newest route after editing
19. Committed camel-20090818.patch in rev <http://svn.apache.org/viewvc?rev=805381&view=rev>
20. Xueqiang Could you build with checkstyle and make sure the patches are compliant with checkstyle. See more here to run it: <http://camel.apache.org/building.html> As it causes us to have to manually fix it later. And this weekend Hadrian had to use quite some time on this that causes further delay on a 2.0 release.
21. Committed your latest patch in <http://svn.apache.org/viewvc?rev=806533&view=rev> Glad to see you got rid of that temp context! :)
22. Fixed the test bug and add some dsl support.
23. Xueqiang is looking into this as part of the groovy web console addition.

24. I read the unit tests and will fix some of them asap. But not all of them can be fixed at current version. A page listing the unsupported features on web console is created: [Unsupported Groovy DSL Features on Web Console].
25. Nice work Xueqiang. A few comments before I will commit this to trunk: - Each time the route is edited, we get a new route id (route1, route2, route3, etc...). The original route id should be preserved. - We probably won't be able to support rendering closure expressions nicely unfortunately... a closure could be arbitrary Groovy code, which makes things very difficult. You may want to move on with the project and keep CAMEL-1769 as a known bug for now. Of course, you are MORE than welcome to give it a bit more thought/come up with a solution :) - Just as an FYI we'll eventually want to move the text renderer API to camel-core and the Groovy renderer to camel-groovy - its fine for now since this is still experimental. Maybe when the project is closer to completion later this summer you can do this work. - You should start adding in some unit tests for the renderer so we can keep track of what we know is rendering correctly.
26. Now the GroovyRenderer can support most of the route definition on page: <http://camel.apache.org/enterprise-integration-patterns.html>. But there are some bug for the ExpressionDefinition process. <https://issues.apache.org/activemq/browse/CAMEL-1769> is created to report the bug on ExpressionDefinition render.
27. Xueqiang, Just took a look at your latest patch; liking the create route feature! Not sure about the view all routes though... looks bit messy IMHO and I doubt folks would always want to view their routes as only Groovy... maybe disable that screen for now? I also had a few test failures after applying the patch {code} Failed tests: testTracePerRouteManual(org.apache.camel.web.groovy.TracingDSLTest) testInterceptFromUriRegex(org.apache.camel.web.groovy.InterceptFromDSLTest) testInterceptFromUriSimpleLog(org.apache.camel.web.groovy.InterceptFromDSLTest) testInterceptFromUriWildcard(org.apache.camel.web.groovy.InterceptFromDSLTest) Tests run: 162, Failures: 4, Errors: 0, Skipped: 14 {code}
28. Also, instead of duplicating the dataformat types (and loadbalancer types too), you should be able to grab the short names through the JAXB metadata. Like so {code} dataFormat.getClass().getAnnotation(XmlRootElement.class).name() {code}
29. Quickly trying this new code drop out before leaving for the day :) In the GroovyRendererTest I noticed pretty much all routes defined in the supported list get rendered like "from("direct:start").to("mock:result)". Example output: {code} dsl: from("direct:start").unmarshal().serialization().to("mock:result") after rendered: import org.apache.camel.language.groovy.GroovyRouteBuilder; class GroovyRoute extends GroovyRouteBuilder { void configure() { from("direct:start").to("mock:result") } } {code} Not sure if this is a bug in the renderer or the test case. Care to fix that up? Also unit tests typically contain assertions on the output of a piece of code to make sure its operating correctly. In your case the test should be asserting that the output of the renderer is correct. Currently we have to verify this by looking at the output.
30. Add a bundle of test cases to demonstrate which DSL have been supported by groovy renderer. Tomorrow will start the user guide of it.
31. Improve some code in groovy renderer.
32. Xueqiang, I just committed your latest patch in rev 795901. Good work! Glad to see you are making progress supporting the various DSL methods. The hardcodings (like loadbalancer, byte[], etc..) still kinda worry me but are acceptable I guess since we have tests now that will let us know when things need to be updated. Don't have any more comments at the moment. I suggest continuing with your work of supporting more of the DSL methods this week.
33. add setHeader, setProperty, removeHeader, removeProperty DSLs support.
34. Jonathan I assume you got it covered to get the patches into the codebase?
35. Looks great Xueqiang. Keep up the good work. I've committed your patch here <http://svn.apache.org/viewvc?rev=796685&view=rev> Cheers, Jon
36. Added: 1. javascript for avoiding to re-build a route without any changes; 2. encoder the endpoint URI (TODO task of [camel 1839]<https://issues.apache.org/activemq/browse/CAMEL-1839>)]