Item 246

git_comments:

1. **comment:** if error happens from write, mock a BAD_REQUEST response so that invoker can return immediately without waiting until timeout. FIXME: not sure if this is the right approach, but exceptionCaught doesn't work as expected.
   label: code-design

git_commits:

1. **summary:** Merge pull request #2049, upgrade netty4 to the latest release and make it the default option for transporter.
   message: Merge pull request #2049, upgrade netty4 to the latest release and make it the default option for transporter.

github_issues:

1. **title:** upgrade netty4 to the latest release and make it the default option for transporter
   body: we should upgrade netty4 to the latest release and make it the default option for transporter
2. **title:** upgrade netty4 to the latest release and make it the default option for transporter
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3. **title:** upgrade netty4 to the latest release and make it the default option for transporter
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4. **title:** upgrade netty4 to the latest release and make it the default option for transporter
   body: we should upgrade netty4 to the latest release and make it the default option for transporter
5. **title:** upgrade netty4 to the latest release and make it the default option for transporter
   body: we should upgrade netty4 to the latest release and make it the default option for transporter

github_issues_comments:

1. It look goods to me :-)
2. looks good! I'd like to add flow control into netty4 transport
3. Fixed in the master branch with #2049, need to sync to 2.6.x.

github_pulls:

1. **title:** [dubbo-2029]: upgrade netty4 to the latest release and make it the default option for transporter
   body: …lt option for transporter ## What is the purpose of the change issue#2029: upgrade netty4 to the latest release and make it the default option for transporter ## Brief changelog dependencies-bom/pom.xml dubbo-common/src/main/java/org/apache/dubbo/common/Constants.java dubbo-config/dubbo-config-api/pom.xml dubbo-config/dubbo-config-spring/pom.xml dubbo-demo/dubbo-demo-consumer/pom.xml dubbo-demo/dubbo-demo-provider/pom.xml dubbo-monitor/dubbo-monitor-default/pom.xml dubbo-registry/dubbo-registry-default/pom.xml dubbo-remoting/dubbo-remoting-api/src/main/java/org/apache/dubbo/remoting/Transporter.java dubbo-remoting/dubbo-remoting-netty/src/test/java/org/apache/dubbo/remoting/exchange/support/header/HeartbeatHandlerTest.java dubbo-remoting/dubbo-remoting-netty/src/test/java/org/apache/dubbo/remoting/transport/netty/ClientReconnectTest.java dubbo-remoting/dubbo-remoting-netty/src/test/java/org/apache/dubbo/remoting/transport/netty/NettyClientTest.java dubbo-remoting/dubbo-remoting-netty4/src/main/java/org/apache/dubbo/remoting/transport/netty4/NettyClientHandler.java dubbo-remoting/dubbo-remoting-p2p/pom.xml dubbo-rpc/dubbo-rpc-dubbo/pom.xml dubbo-rpc/dubbo-rpc-thrift/pom.xml ## Verifying this change XXXXX Follow this checklist to help us incorporate your contribution quickly and easily: - [x] Make sure there is a [GITHUB_issue](https://github.com/apache/incubator-dubbo/issues) filed for the change (usually before you start working on it). Trivial changes like typos do not require a GITHUB issue. Your pull request should address just this issue, without pulling in other changes - one PR resolves one issue. - [ ] Format the pull request title like `[Dubbo-XXX] Fix UnknownException when host config not exist #XXX`. Each commit in the pull request should have a meaningful subject line and body. - [ ] Write a pull request description that is detailed enough to understand what the pull request does, how, and why. - [ ] Write necessary unit-test to verify your logic correction, more mock a little better when cross module dependency exist. If the new feature or significant change is committed, please remember to add integration-test in [test module](https://github.com/apache/incubator-dubbo/tree/master/dubbo-test). - [ ] Run `mvn clean install -DskipTests` & `mvn clean test-compile failsafe:integration-test` to make sure unit-test and integration-test pass. - [ ] If this contribution is large, please follow the [Software Donation Guide](https://github.com/apache/incubator-dubbo/wiki/Software-donation-guide).

github_pulls_comments:

1. # [Codecov](https://codecov.io/gh/apache/incubator-dubbo/pull/2049?src=pr&el=h1) Report > Merging [#2049](https://codecov.io/gh/apache/incubator-dubbo/pull/2049?src=pr&el=desc) into [master](https://codecov.io/gh/apache/incubator-dubbo/commit/b36a6eea627f9854c909b3a9368ddb06fc6610e4?src=pr&el=desc) will **increase** coverage by `0.83%`. > The diff coverage is `12.5%`. [![Impacted file tree graph](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/graphs/tree.svg?width=650&height=150&src=pr&token=VnEIkiFQT0)](https://codecov.io/gh/apache/incubator-dubbo/pull/2049?src=pr&el=tree) ```diff @@ Coverage Diff @@ ## master #2049 +/- ## == + Coverage 52.19% 53.02% +0.83% - Complexity 4963 4986 +23 == Files 568 568 Lines 25453 25460 +7 Branches 4486 4487 +1 == + Hits 13285 13501 +216 + Misses 10144 9913 -231 - Partials 2024 2046 +22 ``` | [Impacted Files](https://codecov.io/gh/apache/incubator-dubbo/pull/2049?src=pr&el=tree) | Coverage Δ | Complexity Δ | | |---|---|---|---| | [...bbo/remoting/transport/netty/NettyTransporter.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcmVtb3RpbmcvZHViYm8tcmVtb3RpbmctbmV0dHkvc3JjL21haW4vamF2YS9vcmcvYXBhY2hlL2R1YmJvL3JlbW90aW5nL3RyYW5zcG9ydC9uZXR0eS9OZXR0eX...) | `100% <ø> (ø)` | `3 <0> (ø)` | :arrow_down: | | [...bo/remoting/transport/netty4/NettyTransporter.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcmVtb3RpbmcvZHViYm8tcmVtb3RpbmctbmV0dHk0L3NyYy9tYWluL2phdmEvb3JnL2FwYWNoZS9kdWJiby9yZW1vdGluZy90cmFuc3BvcnQvbm...) | `100% <ø> (ø)` | `3 <0> (ø)` | :arrow_down: | | [.../remoting/transport/netty4/NettyClientHandler.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcmVtb3RpbmcvZHViYm8tcmVtb3RpbmctbmV0dHk0L3NyYy9tYWluL2phdmEvb3JnL2FwYWNoZS9kdWJiby9yZW1vdGluZy90cmFuc3BvcnQvbm...) | `58.33% <12.5%> (-14.09%)` | `5 <0> (ø)` | | | [...ache/dubbo/remoting/p2p/support/AbstractGroup.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcmVtb3RpbmcvZHViYm8tcmVtb3RpbmctcDJwL3NyYy9tYWluL2phdmEvb3JnL2FwYWNoZS9kdWJiby9yZW1vdGluZy9wMnAvc3VwcG9ydG...) | `45.45% <0%> (-11.37%)` | `7% <0%> (-1%)` | | | [...he/dubbo/remoting/transport/netty/NettyClient.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcmVtb3RpbmcvZHViYm8tcmVtb3RpbmctbmV0dHkvc3JjL21haW4vamF2YS9vcmcvYXBhY2hlL2R1YmJvL3JlbW90aW5nL3RyYW5zcG9ydC9uZXR0eS9OZXR0eX...) | `72.88% <0%> (-8.48%)` | `12% <0%> (-1%)` | | | [...rpc/protocol/dubbo/telnet/InvokeTelnetHandler.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcnBjL2R1YmJvLXJwYy1kdWJiby9zcmMvbWFpbi9qYXZhL29yZy9hcGFjaGUvZHViYm8vcnBjL3Byb3RvY29sL2R1YmJvL3RlbG5ldC9JbnZva2V...) | `51.89% <0%> (-3.8%)` | `11% <0%> (-2%)` | | | [...dubbo/rpc/protocol/dubbo/CallbackServiceCodec.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcnBjL2R1YmJvLXJwYy1kdWJiby9zcmMvbWFpbi9qYXZhL29yZy9hcGFjaGUvZHViYm8vcnBjL3Byb3RvY29sL2R1YmJvL0NhbGxiYWNrU2Vydm...) | `77.2% <0%> (-1.48%)` | `29% <0%> (ø)` | | | [.../dubbo/remoting/transport/netty4/NettyChannel.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcmVtb3RpbmcvZHViYm8tcmVtb3RpbmctbmV0dHk0L3NyYy9tYWluL2phdmEvb3JnL2FwYWNoZS9kdWJiby9yZW1vdGluZy90cmFuc3BvcnQvbm...) | `65% <0%> (-1.25%)` | `22% <0%> (-1%)` | | | [.../apache/dubbo/rpc/protocol/injvm/InjvmInvoker.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcnBjL2R1YmJvLXJwYy1pbmp2bS9zcmMvbWFpbi9qYXZhL29yZy9hcGFjaGUvZHViYm8vcnBjL3Byb3RvY29sL2luanZtL0luanZtSW52b2tlci5qYX...)

| `69.23% <0%> (+15.38%)` | `3% <0%> (+1%)` | :arrow_up: || [.../apache/dubbo/rpc/protocol/thrift/ThriftUtils.java](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree#diff-ZHViYm8tcnBjL2R1YmJvLXJwYy10aHJpZnQvc3JjL21haW4vamF2YS9vcmcvYXBhY2hlL2R1YmJvL3JwYy9wcm90b2NvbC90aHJpZnQvVGhyaWZ0VXRpb) | `91.8% <0%> (+16.39%)` | `8% <0%> (+2%)` | :arrow_up: || ... and [3 more](https://codecov.io/gh/apache/incubator-dubbo/pull/2049/diff?src=pr&el=tree-more) || ------ [Continue to review full report at Codecov](https://codecov.io/gh/apache/incubator-dubbo/pull/2049?src=pr&el=continue). > **Legend** - [Click here to learn more](https://docs.codecov.io/docs/codecov-delta) > `Δ = absolute <relative> (impact)`, `ø = not affected`, `? = missing data` > Powered by [Codecov](https://codecov.io/gh/apache/incubator-dubbo/pull/2049?src=pr&el=footer). Last update [b36a6ee...7f89783](https://codecov.io/gh/apache/incubator-dubbo/pull/2049?src=pr&el=lastupdated). Read the [comment docs](https://docs.codecov.io/docs/pull-request-comments).

2. Agree to change the default transporter to netty4. Only one thing to note: this change is not transparent to the user, they should guarantee `[netty 4](https://github.com/netty/netty)` in the classpath, which is not always satisfied since their projects may rely on netty3 by default. But I think it's ok, a release note for incompatible upgrade is enough.

3. To continue use `netty`, how about this way: based on your PR, add the following items, For [netty4/Transporter](https://github.com/apache/incubator-dubbo/blob/master/dubbo-remoting/dubbo-remoting-netty4/src/main/resources/META-INF/dubbo/internal/org.apache.dubbo.remoting.Transporter) ```properties netty=org.apache.dubbo.remoting.transport.netty4.NettyTransporter netty4=org.apache.dubbo.remoting.transport.netty4.NettyTransporter ``` And For [netty3/Transporter](https://github.com/apache/incubator-dubbo/blob/master/dubbo-remoting/dubbo-remoting-netty/src/main/resources/META-INF/dubbo/internal/org.apache.dubbo.remoting.Transporter) ```properties netty3=org.apache.dubbo.remoting.transport.netty.NettyTransporter ```

4. Keep `netty` no changed ```java @SPI("netty") public interface Transporter { ```

5. **body:** Perhaps the `server` should be removed and passed to the client.
   label: code-design

6. @zonghaishang Agree to remove `server` from the client, and this can be achieved within this issue #2030

github_pulls_reviews:

jira_issues:

jira_issues_comments: