

**git\_comments:****git\_commits:**

1. **summary:** YARN-6649. RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception. Contributed by Jon Eagles.  
**message:** YARN-6649. RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception. Contributed by Jon Eagles.

**github\_issues:****github\_issues\_comments:****github\_pulls:****github\_pulls\_comments:****github\_pulls\_reviews:****jira\_issues:**

1. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception  
**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvide at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at

org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...  
59 more {code}

2. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception

**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR  
javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at  
sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at  
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at  
com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at  
com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvide  
at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at  
com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at  
com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at  
com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at  
com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at  
com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at  
com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)  
at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at  
org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at  
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at  
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at  
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at  
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at  
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at  
org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at  
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at  
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at  
org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at  
org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at  
org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class  
from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at  
org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at  
org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...  
59 more {code}

**label:** code-design

3. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception

**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR

```

javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code
1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at
sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at
com.sun.jersey.spi.container.JavaMethodInvokerFactory$1.invoke(JavaMethodInvokerFactory.java:60) at
com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider$TypeOutInvoker._dispatch(AbstractResourceMethodDispatchProvide
at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at
com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at
com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at
com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at
com.sun.jersey.server.impl.application.WebApplicationImpl._handleRequest(WebApplicationImpl.java:1469) at
com.sun.jersey.server.impl.application.WebApplicationImpl._handleRequest(WebApplicationImpl.java:1400) at
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at
com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at
com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at
com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at
com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at
com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1212) at
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at
org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1212) at
org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1212) at
org.apache.hadoop.http.HttpServer2$QuotingInputFilter.doFilter(HttpServer2.java:1352) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1212) at
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1212) at
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1212) at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at
org.mortbay.jetty.HttpConnection$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at
org.mortbay.thread.QueuedThreadPool$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at
org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at
org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException:
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class
from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at
org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at
org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at
org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at
org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...
59 more {code}

```

#### 4. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception

**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code}

```

2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL_SERVER_ERROR
javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code
1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at
sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at
com.sun.jersey.spi.container.JavaMethodInvokerFactory$1.invoke(JavaMethodInvokerFactory.java:60) at
com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider$TypeOutInvoker._dispatch(AbstractResourceMethodDispatchProvide
at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at
com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at
com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at
com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at

```

com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at  
com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at  
com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at  
com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at  
com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at  
com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)  
at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at  
org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at  
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at  
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at  
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at  
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at  
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at  
org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at  
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at  
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at  
org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at  
org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at  
org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class  
from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at  
org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at  
org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...  
59 more {code}

5. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception

**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR  
javaw.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at  
sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at  
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at  
com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at  
com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvide  
at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at  
com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at  
com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at  
com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at  
com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at  
com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at  
com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)

at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at  
 org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at  
 org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at  
 org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at  
 org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at  
 org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at  
 org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at  
 org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at  
 org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at  
 org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at  
 org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at  
 org.apache.hadoop.thread.QueueThreadPool\$PoolThread.run(QueueThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:  
 java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at  
 org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at  
 org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at  
 org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at  
 org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at  
 org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at  
 org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at  
 org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException:  
 java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at  
 org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class  
 from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at  
 org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at  
 org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at  
 org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at  
 org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
 org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at  
 org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
 org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
 org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
 org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at  
 org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
 org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
 org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
 org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...  
 59 more {code}

**label:** test

6. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception

**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR  
 javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at  
 sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at  
 sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at  
 com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at  
 com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvide  
 at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at  
 com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at  
 com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
 com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at  
 com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
 com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at  
 com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at  
 com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at  
 com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at  
 com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at  
 com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at  
 com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at  
 com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at  
 com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at  
 com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at  
 com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at  
 com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at  
 com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)  
 at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at  
 org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at  
 org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
 org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
 org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at

```

org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1212) at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at
org.mortbay.jetty.HttpConnection$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at
org.mortbay.thread.QueuedThreadPool$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at
org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at
org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException:
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class
from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at
org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at
org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at
org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at
org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...
59 more {code}

```

7. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception

**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR  
javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at  
sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at  
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at  
com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at  
com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvide  
at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at  
com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at  
com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at  
com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at  
com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at  
com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at  
com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)  
at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at  
org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at  
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at  
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at  
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at  
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at  
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at  
org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at  
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at  
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at  
org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:

java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ... 59 more {code}

8. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception  
**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR  
javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvide at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at

org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...  
59 more {code}

9. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception  
**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR  
javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at  
sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at  
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at  
com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at  
com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvide  
at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at  
com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at  
com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at  
com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at  
com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at  
com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at  
com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)  
at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at  
org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at  
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at  
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at  
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at  
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at  
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at  
org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at  
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at  
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at  
org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at  
org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at  
org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class  
from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at  
org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at  
org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at



- org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ... 59 more {code}
10. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception  
**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvider.java:134) at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ... 59 more {code}
11. **summary:** RollingLevelDBTimelineServer throws RuntimeException if object decoding ever fails runtime exception  
**description:** When Using tez ui (makes REST api calls to timeline service REST api), some calls were coming back as 500 internal server error. The root cause was YARN-6654. This jira is to handle object decoding to prevent sending back internal server errors to the client and instead respond with a partial message instead. {code} 2017-05-30 12:47:10,670 WARN org.apache.hadoop.yarn.webapp.GenericExceptionHandler: INTERNAL\_SERVER\_ERROR javax.ws.rs.WebApplicationException: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:164) at sun.reflect.GeneratedMethodAccessor24.invoke(Unknown Source) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at com.sun.jersey.spi.container.JavaMethodInvokerFactory\$1.invoke(JavaMethodInvokerFactory.java:60) at com.sun.jersey.server.impl.model.method.dispatch.AbstractResourceMethodDispatchProvider\$TypeOutInvoker.\_dispatch(AbstractResourceMethodDispatchProvider.java:134) at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ... 59 more {code}

at com.sun.jersey.server.impl.model.method.dispatch.ResourceJavaMethodDispatcher.dispatch(ResourceJavaMethodDispatcher.java:75) at  
com.sun.jersey.server.impl.uri.rules.HttpMethodRule.accept(HttpMethodRule.java:288) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.ResourceClassRule.accept(ResourceClassRule.java:108) at  
com.sun.jersey.server.impl.uri.rules.RightHandPathRule.accept(RightHandPathRule.java:147) at  
com.sun.jersey.server.impl.uri.rules.RootResourceClassesRule.accept(RootResourceClassesRule.java:84) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1469) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.\_handleRequest(WebApplicationImpl.java:1400) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1349) at  
com.sun.jersey.server.impl.application.WebApplicationImpl.handleRequest(WebApplicationImpl.java:1339) at  
com.sun.jersey.spi.container.servlet.WebComponent.service(WebComponent.java:416) at  
com.sun.jersey.spi.container.servlet.ServletContainer.service(ServletContainer.java:537) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:886) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:834) at  
com.sun.jersey.spi.container.servlet.ServletContainer.doFilter(ServletContainer.java:795) at  
com.google.inject.servlet.FilterDefinition.doFilter(FilterDefinition.java:163) at  
com.google.inject.servlet.FilterChainInvocation.doFilter(FilterChainInvocation.java:58) at  
com.google.inject.servlet.ManagedFilterPipeline.dispatch(ManagedFilterPipeline.java:118) at com.google.inject.servlet.GuiceFilter.doFilter(GuiceFilter.java:113)  
at org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:636) at  
org.apache.hadoop.security.token.delegation.web.DelegationTokenAuthenticationFilter.doFilter(DelegationTokenAuthenticationFilter.java:294) at  
org.apache.hadoop.security.authentication.server.AuthenticationFilter.doFilter(AuthenticationFilter.java:588) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.security.http.CrossOriginFilter.doFilter(CrossOriginFilter.java:95) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.HttpServer2\$QuotingInputFilter.doFilter(HttpServer2.java:1352) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.apache.hadoop.http.NoCacheFilter.doFilter(NoCacheFilter.java:45) at  
org.mortbay.jetty.servlet.ServletHandler\$CachedChain.doFilter(ServletHandler.java:1212) at  
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:399) at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at  
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:182) at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:766) at  
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:450) at  
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:230) at  
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at org.mortbay.jetty.Server.handle(Server.java:326) at  
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:542) at  
org.mortbay.jetty.HttpConnection\$RequestHandler.headerComplete(HttpConnection.java:928) at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:549) at  
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:212) at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:404) at  
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:410) at  
org.mortbay.thread.QueuedThreadPool\$PoolThread.run(QueuedThreadPool.java:582) Caused by: java.lang.RuntimeException: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.util.FSTUtil.rethrow(FSTUtil.java:122) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:879) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:478) at  
org.apache.hadoop.yarn.server.timeline.RollingLevelDBTimelineStore.getEntity(RollingLevelDBTimelineStore.java:414) at  
org.apache.hadoop.yarn.server.timeline.EntityFileTimelineStore.getEntity(EntityFileTimelineStore.java:911) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.doGetEntity(TimelineDataManager.java:215) at  
org.apache.hadoop.yarn.server.timeline.TimelineDataManager.getEntity(TimelineDataManager.java:202) at  
org.apache.hadoop.yarn.server.timeline.webapp.TimelineWebServices.getEntity(TimelineWebServices.java:155) ... 52 more Caused by: java.io.IOException:  
java.lang.RuntimeException: unable to encodeValue class from code 1000 at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:240) at  
org.nustaq.serialization.FSTConfiguration.asObject(FSTConfiguration.java:877) ... 58 more Caused by: java.lang.RuntimeException: unable to encodeValue class  
from code 1000 at org.nustaq.serialization.FSTClazzNameRegistry.decodeClass(FSTClazzNameRegistry.java:173) at  
org.nustaq.serialization.coders.FSTStreamDecoder.readClass(FSTStreamDecoder.java:431) at  
org.nustaq.serialization.FSTObjectInput.readClass(FSTObjectInput.java:853) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:338) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTArrayListSerializer.instantiate(FSTArrayListSerializer.java:63) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.serializers.FSTMapSerializer.instantiate(FSTMapSerializer.java:78) at  
org.nustaq.serialization.FSTObjectInput.instantiateAndReadWithSer(FSTObjectInput.java:459) at  
org.nustaq.serialization.FSTObjectInput.readObjectWithHeader(FSTObjectInput.java:354) at  
org.nustaq.serialization.FSTObjectInput.readObjectInternal(FSTObjectInput.java:323) at  
org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:304) at org.nustaq.serialization.FSTObjectInput.readObject(FSTObjectInput.java:238) ...  
59 more {code}

#### jira\_issues\_comments:

1. | (x) \*{color:red}-1 overall{color}\* | \ \ \ \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m  
18s{color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s{color} | {color:green}  
The patch does not contain any @author tags. {color} || {color:red}-1{color} | {color:red} test4tests {color} | {color:red} 0m 0s{color} | {color:red} The patch  
doesn't appear to include any new or modified tests. Please justify why no new tests are needed for this patch. Also please list what manual tests were performed to  
verify this patch. {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 15m 16s{color} | {color:green} trunk passed {color} ||  
{color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 23s{color} | {color:green} trunk passed {color} || {color:green}+1{color} |  
{color:green} checkstyle {color} | {color:green} 0m 14s{color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} |  
{color:green} 0m 26s{color} | {color:green} trunk passed {color} | {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 17s{color} |  
{color:green} trunk passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 37s{color} | {color:green} trunk passed {color} ||  
{color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 15s{color} | {color:green} trunk passed {color} || {color:green}+1{color} |  
{color:green} mvninstall {color} | {color:green} 0m 22s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile  
{color} | {color:green} 0m 21s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m  
21s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 12s{color} | {color:green} the  
patch passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 24s{color} | {color:green} the patch passed {color} ||  
{color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 16s{color} | {color:green} the patch passed {color} || {color:green}+1{color} |  
{color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} || {color:green}+1{color} |  
{color:green} findbugs {color} | {color:green} 0m 47s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} |  
{color:green} 0m 14s{color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 11s{color} |  
{color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed. {color} || {color:green}+1{color} | {color:green} asflicense {color} |  
{color:green} 0m 18s{color} | {color:green} The patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} |

- {color:black} 25m 11s{color} | {color:black} {color} | \\\| Subsystem || Report/Notes || Docker | Image:yetus/hadoop:14b5c93 | | JIRA Issue | YARN-6649 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12869983/YARN-6649.1.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 2ec80658f3e2 3.13.0-106-generic #153-Ubuntu SMP Tue Dec 6 15:44:32 UTC 2016 x86\_64 x86\_64 x86\_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 2b5ad48 | | Default Java | 1.8.0\_131 | | findbugs | v3.1.0-RC1 | | Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/16027/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/16027/console | | Powered by | Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
2. **body:** Thanks for the report and patch, Jon! Could you elaborate a bit in the JIRA description? I assume this is tearing the timeline server down when the exception occurs, hence why we need to guard against the exception propagating up. Assuming that's the case, is it desirable to call addOtherInfo and addPrimaryFilter with null or should we just avoid calling those altogether?  
**label:** code-design
3. Clients should be able to handle entries as null, but it is thematic not to set other info as null is in this case. Added a patch to reflect that, and added full description of the issue.
4. |(x) \*{color:red}-1 overall{color} \* | \\\| Vote || Subsystem || Runtime || Comment || {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 37s{color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s{color} | {color:green} The patch does not contain any @author tags. {color} | | {color:red}-1{color} | {color:red} test4tests {color} | {color:red} 0m 0s{color} | {color:red} The patch doesn't appear to include any new or modified tests. Please justify why no new tests are needed for this patch. Also please list what manual steps were performed to verify this patch. {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 16m 29s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 20s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 14s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 23s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 16s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 34s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 15s{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 19s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 17s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 17s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 11s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 18s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 13s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 0m 36s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 13s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 35s{color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 17s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 26m 27s{color} | {color:black} {color} | \\\| Subsystem || Report/Notes || Docker | Image:yetus/hadoop:14b5c93 | | JIRA Issue | YARN-6649 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12870421/YARN-6649.2.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 447a93d2ee95 3.13.0-116-generic #163-Ubuntu SMP Fri Mar 31 14:13:22 UTC 2017 x86\_64 x86\_64 x86\_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 91d6fe1 | | Default Java | 1.8.0\_131 | | findbugs | v3.1.0-RC1 | | Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/16048/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice U: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/16048/console | | Powered by | Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
5. **body:** Thanks Jon for the patch. Since there is no unit test, could you please comment on how you verified correctness. With that I am +1 on version 2 of the patch.  
**label:** test
6. In this case while investigating YARN-6654, a otherInfo was generated with version 2.24 of the fst lib that could not be parsed with version 2.50 of fst. After this fix, the tez ui was able to make the same queries and was able to retrieve partial query with only otherInfo removed. This allowed the Tez UI to continue to work with only partial data. 500 server error was preventing enough data from coming over the wire to navigate correctly.
7. Thanks Jon for the explanation. I'll commit this tomorrow morning unless there are objections.
8. Thanks Jon for the patch. I have committed to trunk, and cherry-picked to branch-2, branch-2.8 and branch-2.8.1
9. SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #11806 (See [https://builds.apache.org/job/Hadoop-trunk-Commit/11806/] YARN-6649. RollingLevelDBTimelineServer throws RuntimeException if (nroberts: rev 4369690ce63566131aee28696bf2683a3cb20205) \* (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice/src/main/java/org/apache/hadoop/yarn/server/timeline/RollingLevelDBTimelineStore.java
10. 2.8.1 became a security release. Moving fix-version to 2.8.2 after the fact.
11. SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #14057 (See [https://builds.apache.org/job/Hadoop-trunk-Commit/14057/] YARN-6649. RollingLevelDBTimelineServer throws RuntimeException if (xyao: rev 177c0c1523ad8b1004070f16807ee225fa577523) \* (edit) hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice/src/main/java/org/apache/hadoop/yarn/server/timeline/RollingLevelDBTimelineStore.java