

Title: Google Vision Batch Annotate Images with Java Client Library

Post Body:

I am getting an exception when trying to annotate images via Google Vision using the provided java client google vision.

specifically this code where the batch client.batchAnnotateImages occurs:

```
public void processOCR(byte[] file) {      List<AnnotateImageRequest> requests = new ArrayList<>();      ByteString imageBy
```

I am being presented with the following Stack Trace / Error:

```
java.lang.NoSuchMethodError: com.google.common.util.concurrent.MoreExecutors.directExecutor()Ljava/util/concurrent/Executor; at
com.google.api.gax.retrying.BasicRetryingFuture.(BasicRetryingFuture.java:77) at
com.google.api.gax.retrying.CallbackChainRetryingFuture.(CallbackChainRetryingFuture.java:62) at
com.google.api.gax.retrying.ScheduledRetryingExecutor.createFuture(ScheduledRetryingExecutor.java:86) at
com.google.api.gax.grpc.RetryingCallable.futureCall(RetryingCallable.java:57) at
com.google.api.gax.grpc.RetryingCallable.futureCall(RetryingCallable.java:42) at com.google.api.gax.grpc.AuthCallable.futureCall(AuthCallable.java:57) at
com.google.api.gax.grpc.UnaryCallable.futureCall(UnaryCallable.java:282) at com.google.api.gax.grpc.UnaryCallable.futureCall(UnaryCallable.java:293) at
com.google.api.gax.grpc.UnaryCallable.call(UnaryCallable.java:321) at
com.google.cloud.vision.v1.ImageAnnotatorClient.batchAnnotateImages(ImageAnnotatorClient.java:201) at
com.google.cloud.vision.v1.ImageAnnotatorClient.batchAnnotateImages(ImageAnnotatorClient.java:177) at
za.co.thumbtribe.core.googlevision.service.impl.GoogleVisionServiceImpl.processOCR(GoogleVisionServiceImpl.java:55)
```

Here are my POM Dependencies :

```
<dependencies> <!-- Spring --> <dependency>      <groupId>org.springframework</groupId>      <artifactId>spring-web</artifactId> <
```

I have tried excluding guava and including multiple versions of the API.

The code shown is the sample code from the google vision client implementation.

any ideas ?

Accepted Answer: None

Highest Rated Answer:

The missing method `directExecutor` in `MoreExecutors` class is annotated `@since 18.0` in the sources of guava (See [source](#)).

I guess you have in your classpath an older version of Guava that appears before the version 19.

You should run `mvn dependency:analyze` to track down the culprit. You may `mvn dependency:analyze | grep guava` to filter the output.

Then you can check which package imports the old dependency with :

```
mvn dependency:tree -Dverbose
```