

# Spring-boot-starter-mail 3.1.1 throws "Not provider of jakarta.mail.util.StreamProvider was found"

Asked 1 year, 1 month ago   Modified 4 months ago   Viewed 8k times



6



I am upgrading my project from springboot 2.7.7 to springboot 3.1.1 and java 11 to 17 I have spring-boot-starter-mail included as a dependency and I try to send mail as follows

```
@Service
public class MailerService {

    @Autowired
    public JavaMailSender javaMailSender;

    public void sendEmail(String toAddress, String subject, String body, boolean
error) throws MessagingException {

        MimeMessagePreparator preparator = mimeMessage -> {
            final Address recipient = new InternetAddress(toAddress);
            mimeMessage.setFrom(new InternetAddress(fromAddress));
            mimeMessage.setRecipient(Message.RecipientType.TO, recipient);
            mimeMessage.setSentDate(new Date());
            mimeMessage.setSubject(subject);
            mimeMessage.setText(body);
        };

        // Send the e-mail
        javaMailSender.send(preparator);

        ... other code...
```

At javaMailSender.send I get the following exception:

```
java.lang.IllegalStateException: Not provider of jakarta.mail.util.StreamProvider
was found
0 = {StackTraceElement@19049}
"org.springframework.mail.javamail.JavaMailSenderImpl.send(JavaMailSenderImpl.java:3
1 = {StackTraceElement@19050}
"org.springframework.mail.javamail.JavaMailSenderImpl.send(JavaMailSenderImpl.java:3
2 = {StackTraceElement@19051}
"nz.co.niwa.bjs.service.MailerService.sendEmail(MailerService.java:44)"
3 = {StackTraceElement@19052}
"nz.co.niwa.bjs.service.MailerService.sendDataPointEmail(MailerService.java:54)"
4 = {StackTraceElement@19053}
"nz.co.niwa.bjs.service.BulkPointDataFetchService.uploadCSVAndSendEmail(BulkPointDat
5 = {StackTraceElement@19054}
"nz.co.niwa.bjs.service.BulkPointDataFetchService.lambda$retrieveForecastData$6(Bulk
6 = {StackTraceElement@19055}
"java.base/java.util.concurrent.CompletableFuture.uniWhenComplete(CompletableFuture.
7 = {StackTraceElement@19056}
"java.base/java.util.concurrent.CompletableFuture$UniWhenComplete.tryFire(Completabl
8 = {StackTraceElement@19057}
"java.base/java.util.concurrent.CompletableFuture$Completion.exec(CompletableFuture.
```

How can I fix this? Any help is appreciated. Thank you

```
[INFO] --- maven-dependency-plugin:3.5.0:tree (default-cli) @ mintaka-bulk-task-service ---
[INFO] nz.co.niwa.bjs:mintaka-bulk-task-service:jar:1.6.0-SNAPSHOT
[INFO] +- org.springframework.boot:spring-boot-starter-actuator:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot-actuator-autoconfigure:jar:3.1.1:compile
[INFO] | | \- org.springframework.boot:spring-boot-actuator:jar:3.1.1:compile
[INFO] | +- io.micrometer:micrometer-observation:jar:1.11.1:compile
[INFO] | | \- io.micrometer:micrometer-commons:jar:1.11.1:compile
[INFO] | \- io.micrometer:micrometer-core:jar:1.11.1:compile
[INFO] | +- org.hdrhistogram:HdrHistogram:jar:2.1.12:runtime
[INFO] | \- org.latencyutils:LatencyUtils:jar:2.0.3:runtime
[INFO] +- org.springframework.boot:spring-boot-starter-web:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot-starter-json:jar:3.1.1:compile
[INFO] | | \- com.fasterxml.jackson.module:jackson-module-parameter-names:jar:2.15.2:compile
[INFO] | +- org.springframework.boot:spring-boot-starter-tomcat:jar:3.1.1:compile
[INFO] | | +- org.apache.tomcat.embed:tomcat-embed-core:jar:10.1.10:compile
[INFO] | | \- org.apache.tomcat.embed:tomcat-embed-websocket:jar:10.1.10:compile
[INFO] | +- org.springframework:spring-web:jar:6.0.10:compile
[INFO] | | \- org.springframework:spring-beans:jar:6.0.10:compile
[INFO] | \- org.springframework:spring-webmvc:jar:6.0.10:compile
[INFO] | +- org.springframework:spring-aop:jar:6.0.10:compile
[INFO] | +- org.springframework:spring-context:jar:6.0.10:compile
[INFO] | \- org.springframework:spring-expression:jar:6.0.10:compile
[INFO] +- org.springframework.boot:spring-boot-starter-webflux:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot-starter-reactor-netty:jar:3.1.1:compile
[INFO] | | \- io.projectreactor.netty:reactor-netty-http:jar:1.1.8:compile
[INFO] | | +- io.netty:netty-codec-http:jar:4.1.94.Final:compile
[INFO] | | | +- io.netty:netty-common:jar:4.1.94.Final:compile
[INFO] | | | +- io.netty:netty-buffer:jar:4.1.94.Final:compile
[INFO] | | | +- io.netty:netty-transport:jar:4.1.94.Final:compile
[INFO] | | | +- io.netty:netty-codec:jar:4.1.94.Final:compile
[INFO] | | | \- io.netty:netty-handler:jar:4.1.94.Final:compile
[INFO] | | +- io.netty:netty-codec-http2:jar:4.1.94.Final:compile
[INFO] | | +- io.netty:netty-resolver-dns:jar:4.1.94.Final:compile
[INFO] | | | +- io.netty:netty-resolver:jar:4.1.94.Final:compile
[INFO] | | | \- io.netty:netty-codec-dns:jar:4.1.94.Final:compile
[INFO] | | +- io.netty:netty-resolver-dns-native-macos:jar:osx-x86_64:4.1.94.Final:compile
[INFO] | | | \- io.netty:netty-resolver-dns-classes-macos:jar:4.1.94.Final:compile
[INFO] | | +- io.netty:netty-transport-native-epoll:jar:linux-x86_64:4.1.94.Final:compile
[INFO] | | | +- io.netty:netty-transport-native-unix-common:jar:4.1.94.Final:compile
[INFO] | | | \- io.netty:netty-transport-native-unix-common:jar:4.1.94.Final:compile
```

```

common:jar:4.1.94.Final:compile
[INFO] | | | \- io.netty:netty-transport-classes-
epoll:jar:4.1.94.Final:compile
[INFO] | | | \- io.projectreactor.netty:reactor-netty-core:jar:1.1.8:compile
[INFO] | | | \- io.netty:netty-handler-proxy:jar:4.1.94.Final:compile
[INFO] | | | \- io.netty:netty-codec-socks:jar:4.1.94.Final:compile
[INFO] | \- org.springframework:spring-webflux:jar:6.0.10:compile
[INFO] | \- io.projectreactor:reactor-core:jar:3.5.7:compile
[INFO] | \- org.reactivestreams:reactive-streams:jar:1.0.4:compile
[INFO] +- org.springframework.boot:spring-boot-starter-test:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot-test:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot-test-
autoconfigure:jar:3.1.1:compile
[INFO] | +- com.jayway.jsonpath:json-path:jar:2.8.0:compile
[INFO] | +- jakarta.xml.bind:jakarta.xml.bind-api:jar:4.0.0:compile
[INFO] | | \- jakarta.activation:jakarta.activation-api:jar:2.1.2:compile
[INFO] | +- net.minidev:json-smart:jar:2.4.11:compile
[INFO] | | \- net.minidev:accessors-smart:jar:2.4.11:compile
[INFO] | | \- org.ow2.asm:asm:jar:9.3:compile
[INFO] | +- org.assertj:assertj-core:jar:3.24.2:compile
[INFO] | +- org.hamcrest:hamcrest:jar:2.2:compile
[INFO] | +- org.junit.jupiter:junit-jupiter:jar:5.9.3:compile
[INFO] | | +- org.junit.jupiter:junit-jupiter-api:jar:5.9.3:compile
[INFO] | | | +- org.opentest4j:opentest4j:jar:1.2.0:compile
[INFO] | | | +- org.junit.platform:junit-platform-commons:jar:1.9.3:compile
[INFO] | | | \- org.apiguardian:apiguardian-api:jar:1.1.2:compile
[INFO] | | +- org.junit.jupiter:junit-jupiter-params:jar:5.9.3:compile
[INFO] | | \- org.junit.jupiter:junit-jupiter-engine:jar:5.9.3:runtime
[INFO] | | \- org.junit.platform:junit-platform-engine:jar:1.9.3:runtime
[INFO] | +- org.mockito:mockito-core:jar:5.3.1:compile
[INFO] | | +- net.bytebuddy:byte-buddy-agent:jar:1.14.5:compile
[INFO] | | \- org.objenesis:objenesis:jar:3.3:runtime
[INFO] | +- org.mockito:mockito-junit-jupiter:jar:5.3.1:compile
[INFO] | +- org.skyscreamer:jsonassert:jar:1.5.1:compile
[INFO] | | \- com.vaadin.external.google:android-
json:jar:0.0.20131108.vaadin1:compile
[INFO] | +- org.springframework:spring-core:jar:6.0.10:compile
[INFO] | | \- org.springframework:spring-jcl:jar:6.0.10:compile
[INFO] | +- org.springframework:spring-test:jar:6.0.10:compile
[INFO] | \- org.xmlunit:xmlunit-core:jar:2.9.1:compile
[INFO] +- io.awspring.cloud:spring-cloud-aws-starter:jar:3.0.1:compile
[INFO] | +- io.awspring.cloud:spring-cloud-aws-autoconfigure:jar:3.0.1:compile
[INFO] | +- io.awspring.cloud:spring-cloud-aws-core:jar:3.0.1:compile
[INFO] | | +- software.amazon.awssdk:regions:jar:2.20.63:compile
[INFO] | | | +- software.amazon.awssdk:annotations:jar:2.20.63:compile
[INFO] | | | +- software.amazon.awssdk:utils:jar:2.20.63:compile
[INFO] | | | +- software.amazon.awssdk:sdk-core:jar:2.20.63:compile
[INFO] | | | +- software.amazon.awssdk:profiles:jar:2.20.63:compile
[INFO] | | | \- software.amazon.awssdk:json-utils:jar:2.20.63:compile
[INFO] | | | \- software.amazon.awssdk:third-party-jackson-
core:jar:2.20.63:compile
[INFO] | | | \- software.amazon.awssdk:auth:jar:2.20.63:compile
[INFO] | | | +- software.amazon.awssdk:http-client-spi:jar:2.20.63:compile
[INFO] | | | \- software.amazon.eventstream:eventstream:jar:1.0.1:compile
[INFO] | \- org.slf4j:slf4j-api:jar:2.0.7:compile
[INFO] +- io.awspring.cloud:spring-cloud-aws-starter-sqs:jar:3.0.1:compile
[INFO] | \- io.awspring.cloud:spring-cloud-aws-sqs:jar:3.0.1:compile
[INFO] | +- software.amazon.awssdk:sqs:jar:2.20.63:compile
[INFO] | | +- software.amazon.awssdk:aws-query-protocol:jar:2.20.63:compile
[INFO] | | +- software.amazon.awssdk:protocol-core:jar:2.20.63:compile
[INFO] | | +- software.amazon.awssdk:aws-core:jar:2.20.63:compile
[INFO] | | +- software.amazon.awssdk:metrics-spi:jar:2.20.63:compile
[INFO] | | +- software.amazon.awssdk:endpoints-spi:jar:2.20.63:compile
[INFO] | | +- software.amazon.awssdk:apache-client:jar:2.20.63:runtime
[INFO] | | \- software.amazon.awssdk:netty-nio-client:jar:2.20.63:runtime
[INFO] | +- software.amazon.awssdk:arns:jar:2.20.63:compile

```

```

[INFO] | \- org.springframework:spring-messaging:jar:6.0.10:compile
[INFO] +- io.awspring.cloud:spring-cloud-aws-starter-s3:jar:3.0.1:compile
[INFO] | +- io.awspring.cloud:spring-cloud-aws-s3:jar:3.0.1:compile
[INFO] | | \- software.amazon.awssdk:s3:jar:2.20.63:compile
[INFO] | | +- software.amazon.awssdk:aws-xml-protocol:jar:2.20.63:compile
[INFO] | | \- software.amazon.awssdk:crt-core:jar:2.20.63:compile
[INFO] | \- io.awspring.cloud:spring-cloud-aws-s3-cross-region-
client:jar:3.0.1:compile
[INFO] +- org.springframework.boot:spring-boot-starter-data-jpa:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot-starter-aop:jar:3.1.1:compile
[INFO] | | \- org.aspectj:aspectjweaver:jar:1.9.19:compile
[INFO] | +- org.springframework.boot:spring-boot-starter-jdbc:jar:3.1.1:compile
[INFO] | | +- com.zaxxer:HikariCP:jar:5.0.1:compile
[INFO] | | \- org.springframework:spring-jdbc:jar:6.0.10:compile
[INFO] | +- org.springframework.data:spring-data-jpa:jar:3.1.1:compile
[INFO] | | +- org.springframework.data:spring-data-commons:jar:3.1.1:compile
[INFO] | | +- org.springframework:spring-orm:jar:6.0.10:compile
[INFO] | | \- org.springframework:spring-tx:jar:6.0.10:compile
[INFO] | \- org.springframework:spring-aspects:jar:6.0.10:compile
[INFO] +- org.springframework.boot:spring-boot-starter-mail:jar:3.1.1:compile
[INFO] | +- org.springframework:spring-context-support:jar:6.0.10:compile
[INFO] | \- org.eclipse.angus:jakarta.mail:jar:1.1.0:compile
[INFO] | \- org.eclipse.angus:angus-activation:jar:2.0.1:runtime
[INFO] +- org.springframework.boot:spring-boot-starter-
validation:jar:3.1.1:compile
[INFO] | +- org.apache.tomcat.embed:tomcat-embed-el:jar:10.1.10:compile
[INFO] | \- org.hibernate.validator:hibernate-validator:jar:8.0.0.Final:compile
[INFO] | \- jakarta.validation:jakarta.validation-api:jar:3.0.2:compile
[INFO] +- org.springframework.boot:spring-boot-starter:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot:jar:3.1.1:compile
[INFO] | +- org.springframework.boot:spring-boot-autoconfigure:jar:3.1.1:compile
[INFO] | +- jakarta.annotation:jakarta.annotation-api:jar:2.1.1:compile
[INFO] | \- org.yaml:snakeyaml:jar:1.33:compile
[INFO] +- org.springframework.boot:spring-boot-starter-log4j2:jar:3.1.1:compile
[INFO] | +- org.apache.logging.log4j:log4j-slf4j2-impl:jar:2.20.0:compile
[INFO] | | \- org.apache.logging.log4j:log4j-api:jar:2.20.0:compile
[INFO] | +- org.apache.logging.log4j:log4j-core:jar:2.20.0:compile
[INFO] | \- org.apache.logging.log4j:log4j-jul:jar:2.20.0:compile
[INFO] +- org.apache.logging.log4j:log4j-layout-template-json:jar:2.20.0:compile
[INFO] +- com.fasterxml.jackson.datatype:jackson-datatype-jdk8:jar:2.15.2:compile
[INFO] | \- com.fasterxml.jackson.core:jackson-core:jar:2.15.2:compile
[INFO] +- com.fasterxml.jackson.datatype:jackson-datatype-
jsr310:jar:2.15.2:compile
[INFO] | \- com.fasterxml.jackson.core:jackson-annotations:jar:2.15.2:compile
[INFO] +- com.fasterxml.jackson.core:jackson-databind:jar:2.15.2:compile
[INFO] +- com.fasterxml.jackson.dataformat:jackson-dataformat-
yaml:jar:2.15.2:compile
[INFO] +- nz.co.niwa:arccgis:jar:1.3.2:compile
[INFO] | +- org.apache.httpcomponents:httpclient:jar:4.5.13:compile
[INFO] | | +- org.apache.httpcomponents:httpcore:jar:4.4.16:compile
[INFO] | | \- commons-logging:commons-logging:jar:1.2:compile
[INFO] | \- org.apache.commons:commons-lang3:jar:3.12.0:compile
[INFO] +- nz.co.niwa:clidb:jar:1.6.8:compile
[INFO] | +- junit:junit:jar:4.13.2:compile
[INFO] | +- com.oracle.jdbc:ojdbc7:jar:12.1.0.2:compile
[INFO] | | +- com.oracle.jdbc:xdm6:jar:12.1.0.2:compile
[INFO] | | +- com.oracle.jdbc:orai18n:jar:12.1.0.2:compile
[INFO] | | +- com.oracle.jdbc:xmlparserv2:jar:12.1.0.2:compile
[INFO] | | +- com.oracle.jdbc:oraclepki:jar:12.1.0.2:compile
[INFO] | | +- com.oracle.jdbc:osdt_cert:jar:12.1.0.2:compile
[INFO] | | \- com.oracle.jdbc:osdt_core:jar:12.1.0.2:compile
[INFO] | \- com.google.guava:guava:jar:30.0-jre:compile
[INFO] | +- com.google.guava:failureaccess:jar:1.0.1:compile
[INFO] | +- com.google.guava:listenablefuture:jar:9999.0-empty-to-avoid-
conflict-with-guava:compile
[INFO] | +- com.google.code.findbugs:jsr305:jar:3.0.2:compile

```



```

[INFO] | +- org.checkerframework:checker-qual:jar:3.5.0:compile
[INFO] | +- com.google.errorprone:error_prone_annotations:jar:2.3.4:compile
[INFO] | \- com.google.j2objc:j2objc-annotations:jar:1.3:compile
[INFO] +- nz.co.niwa:aquarius:jar:2.0.8:compile
[INFO] | +- commons-codec:commons-codec:jar:1.15:compile
[INFO] | \- org.bouncycastle:bcpkix-jdk15on:jar:1.70:compile
[INFO] | +- org.bouncycastle:bcprov-jdk15on:jar:1.70:compile
[INFO] | \- org.bouncycastle:bcutil-jdk15on:jar:1.70:compile
[INFO] +- org.mapstruct:mapstruct:jar:1.4.2.Final:compile
[INFO] +- commons-collections:commons-collections:jar:3.2.2:compile
[INFO] +- commons-io:commons-io:jar:2.11.0:compile
[INFO] +- org.hibernate.orm:hibernate-core:jar:6.2.2.Final:compile
[INFO] | +- jakarta.persistence:jakarta.persistence-api:jar:3.1.0:compile
[INFO] | +- jakarta.transaction:jakarta.transaction-api:jar:2.0.1:compile
[INFO] | +- org.jboss.logging:jboss-logging:jar:3.5.1.Final:compile
[INFO] | +- org.hibernate.common:hibernate-commons-
annotations:jar:6.0.6.Final:runtime
[INFO] | +- io.smallrye:jandex:jar:3.0.5:runtime
[INFO] | +- com.fasterxml:classmate:jar:1.5.1:compile
[INFO] | +- net.bytebuddy:byte-buddy:jar:1.14.5:compile
[INFO] | +- org.glassfish.jaxb:jaxb-runtime:jar:4.0.3:runtime
[INFO] | | \- org.glassfish.jaxb:jaxb-core:jar:4.0.3:runtime
[INFO] | | +- org.glassfish.jaxb:txw2:jar:4.0.3:runtime
[INFO] | | \- com.sun.istack:istack-commons-runtime:jar:4.1.2:runtime
[INFO] | +- jakarta.inject:jakarta.inject-api:jar:2.0.1:runtime
[INFO] | \- org.antlr:antlr4-runtime:jar:4.10.1:compile
[INFO] +- com.oracle.weblogic:ojdbc7:jar:12.1.3-0-0:provided
[INFO] +- javax.measure:unit-api:jar:2.2:compile
[INFO] +- tec.units:unit-ri:jar:1.0.3:compile
[INFO] | \- tec.uom.lib:uom-lib-common:jar:1.0.2:compile
[INFO] +- com.h2database:h2:jar:2.1.214:test
[INFO] +- com.squareup.okhttp3:okhttp:jar:4.0.1:test
[INFO] | +- com.squareup.okio:okio:jar:2.2.2:test
[INFO] | \- org.jetbrains.kotlin:kotlin-stdlib:jar:1.8.22:test
[INFO] | +- org.jetbrains.kotlin:kotlin-stdlib-common:jar:1.8.22:test
[INFO] | \- org.jetbrains:annotations:jar:13.0:test
[INFO] \- com.squareup.okhttp3:mockwebserver:jar:4.0.1:test
[INFO] -----

```

java spring spring-boot email jakarta-mail

Share Edit Follow

edited Oct 18, 2023 at 19:34

asked Jul 3, 2023 at 2:01



petula

129 ● 2 ● 7

Please add your dependencies (your pom.xml or build.gradle). – M. Deinum Jul 3, 2023 at 6:08

Can you provide the full stacktrace as well? How are you running this as a standalone server or deploy it to something else? – M. Deinum Jul 4, 2023 at 5:48

it is a springboot application is its run as a standalone server. will edit the stacktrace above for full - thanks – petula Jul 5, 2023 at 22:26

Could you add the output (or link to gist to the output) of `mvn dependency:tree`? You are using the `spring-boot-maven-plugin` to build the runnable jar? And not mess around with shade plugins etc. to do it yourself or worse export from the IDE? – M. Deinum Jul 6, 2023 at 5:47

i have added the mvn dependency:tree output, yes we use the spring-boot-maven-plugin to build the runnable jar – [petula](#) Jul 10, 2023 at 19:54

[Report this ad](#)

## 2 Answers

Sorted by: Highest score (default) ▾



5



Just in case you tried the other comments in here and still got the same issue.

I tried the replacement of the context class loader to no avail, always getting the "Not provider of jakarta.mail.util.StreamProvider was found" error message.

After analyzing the dependencies I noticed that another lib I was loading was bringing the `jakarta.mail:jakarta.mail-api:2.1.2` and I was including `sun.com.mail:jakarta.mail:2.1.0` which implements `jakarta.mail:jakarta.mail-api:2.1.0`.

All I had to do is make sure that both matched (either by removing the jar from the other one, or making sure it got overwritten):

```
<dependency>
  <groupId>jakarta.mail</groupId>
  <artifactId>jakarta.mail-api</artifactId>
  <version>2.0.1</version>
</dependency>
<dependency>
  <groupId>com.sun.mail</groupId>
  <artifactId>jakarta.mail</artifactId>
  <version>2.0.1</version>
</dependency>
```

I removed the class loader code suggested here, and it works. So instead of tweaking the class loader (as even suggested in <https://github.com/jakartaee/mail-api/issues/665>), make sure you have the correct versions before.

[Share](#) [Edit](#) [Follow](#)

answered Oct 17, 2023 at 17:17

[Gabriel Bornia](#)

61 ● 1 ● 2

- 1 The point is that `jakarta.mail-api` is only the API, and does not contain any providers. They are in `jakarta-mail`, which depends on `jakarta.mail-api`. – [OrangeDog](#) Jan 19 at 12:30

Future readers. Do a search like this : [mvnrepository.com/search?q=jakarta.mail](https://mvnrepository.com/search?q=jakarta.mail) and then pay attention to the release dates. the "sun" one seems abandoned. the "org eclipse" one seems like it is still active. upvote for this answer, as it unblocked me. – [granadaCoder](#) Apr 26 at 13:03

'javax.mail', name: 'mail', version: '1.4.7' I was updating this "old" reference. I think the old reference.. the interface (what is being called the "api" here) .. and the concrete..... were in the same single library. Now it looks like they've been split out. I am now reference "both" things. implementation group: 'jakarta.mail', name: 'jakarta.mail-api', version: jakartaMailApiVersion implementation group: 'org.eclipse.angus', name: 'jakarta.mail', version: orgEclipseAngusJakartaMailVersion – [granadaCoder](#) Apr 26 at 13:09

My versions at the time I wrote this : /\* the 2 entries below. the "api" seems to be the "contract". and the org-eclipse seems to be the concrete \*/ jakartaMailApiVersion = '2.1.3' orgEclipseAngusJakartaMailVersion = '2.0.3' – [granadaCoder](#) Apr 26 at 13:09



This issue is fixed in [Jakarta Mail 2.1.3 Final Release](#). Upgrade Jakarta Mail to 2.1.3 and [Jakarta Activation to 2.1.3](#).

3



Otherwise, use the workaround described in: [665 - Jakarta Mail erroneously assumes that classes can be loaded from Thread#getContextClassLoader](#) which is to manipulate the context class loader during your call.



```
@Service
public class MailerService {

    @Autowired
    public JavaMailSender javaMailSender;

    public void sendEmail(String toAddress, String subject, String body, boolean
error) throws MessagingException {

        MimeMessagePreparator preparator = mimeMessage -> {
            final Address recipient = new InternetAddress(toAddress);
            mimeMessage.setFrom(new InternetAddress(fromAddress));
            mimeMessage.setRecipient(Message.RecipientType.TO, recipient);
            mimeMessage.setSentDate(new Date());
            mimeMessage.setSubject(subject);
            mimeMessage.setText(body);
        };

        // Send the e-mail
        Thread t = Thread.currentThread();
        ClassLoader orig = t.getContextClassLoader();
        t.setContextClassLoader(InternetAddress.class.getClassLoader());
        try {
            javaMailSender.send(preparator);
        } finally {
            t.setContextClassLoader(orig);
        }
    }
}
```

I'm assuming that the `InternetAddress.class` is in the same classloader as the SMTP provider classes. If that is not the case they you have to try other classloaders.

Share Edit Follow

edited Mar 9 at 21:42

answered Jul 19, 2023 at 3:10



jmehrens

10.9k ● 1 ● 40 ● 49

---

Thank you so much, that worked for me - I hope there would be a patch soon! – [petula](#) Jul 20, 2023 at 3:09

---

1 Upgrading the version didn't help me. – [Patryk Imosa](#) Jun 4 at 10:43

---

@PatrykImosa Missing implementation can cause this issue too. You need to add latest versions of the 4 dependencies: JakartaMail, JAF-API, AngusMail, and AngusActivation. All need to be latest versions numbers of each. – [jmehrens](#) Jun 6 at 4:40

---