Spring Boot Actuator Web API Documentation

Andy Wilkinson, Stephane Nicoll

3.2.0

Table of Contents

This API documentation describes Spring Boot Actuators web endpoints.

Chapter 1. Overview

Before you proceed, you should read the following topics:

- URLs

- Timestamps

> ℹ️ In order to get the correct JSON responses documented below, Jackson must be available.

1.1. URLs

By default, all web endpoints are available beneath the path `/actuator` with URLs of the form `/actuator/{id}`. The `/actuator` base path can be configured by using the `management.endpoints.web.base-path` property, as shown in the following example:

```
management.endpoints.web.base-path=/manage
```

The preceding `application.properties` example changes the form of the endpoint URLs from `/actuator/{id}` to `/manage/{id}`. For example, the URL `info` endpoint would become `/manage/info`.

1.2. Timestamps

All timestamps that are consumed by the endpoints, either as query parameters or in the request body, must be formatted as an offset date and time as specified in ISO 8601.

Chapter 2. Audit Events (`auditevents`)

The `auditevents` endpoint provides information about the application's audit events.

2.1. Retrieving Audit Events

To retrieve the audit events, make a `GET` request to `/actuator/auditevents`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/auditevents?principal=alice&after=2023-11-
23T13%3A34%3A54.934590431Z&type=logout' -i -X GET
```

The preceding example retrieves `logout` events for the principal, `alice`, that occurred after 09:37 on 7 November 2017 in the UTC timezone. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 127

{
  "events" : [ {
    "timestamp" : "2023-11-23T13:34:54.935708016Z",
    "principal" : "alice",
    "type" : "logout"
  } ]
}
```

2.1.1. Query Parameters

The endpoint uses query parameters to limit the events that it returns. The following table shows the supported query parameters:

Parameter	Description
after	Restricts the events to those that occurred after the given time. Optional.
principal	Restricts the events to those with the given principal. Optional.
type	Restricts the events to those with the given type. Optional.

2.1.2. Response Structure

The response contains details of all of the audit events that matched the query. The following table describes the structure of the response:

Path	Type	Description
events	Array	An array of audit events.
events.[].timestamp	String	The timestamp of when the event occurred.
events.[].principal	String	The principal that triggered the event.
events.[].type	String	The type of the event.

Path	Type	Description
events	Array	An array of audit events.
events.[].timestamp	String	The timestamp of when the event occurred.
events.[].principal	String	The principal that triggered the event.
events.[].type	String	The type of the event.

Chapter 3. Beans (beans)

The beans endpoint provides information about the application's beans.

3.1. Retrieving the Beans

To retrieve the beans, make a GET request to /actuator/beans, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/beans' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 1089

{
  "contexts" : {
    "application" : {
      "beans" : {

"org.springframework.boot.autoconfigure.web.servlet.DispatcherServletAutoConfiguration
$DispatcherServletRegistrationConfiguration" : {
          "aliases" : [ ],
          "scope" : "singleton",
          "type" :
"org.springframework.boot.autoconfigure.web.servlet.DispatcherServletAutoConfiguration
$DispatcherServletRegistrationConfiguration",
          "dependencies" : [ ]
        },

"org.springframework.boot.autoconfigure.context.PropertyPlaceholderAutoConfiguration"
: {
          "aliases" : [ ],
          "scope" : "singleton",
          "type" :
"org.springframework.boot.autoconfigure.context.PropertyPlaceholderAutoConfiguration",
          "dependencies" : [ ]
        },

"org.springframework.boot.autoconfigure.web.servlet.DispatcherServletAutoConfiguration
" : {
          "aliases" : [ ],
          "scope" : "singleton",
          "type" :
"org.springframework.boot.autoconfigure.web.servlet.DispatcherServletAutoConfiguration
",
          "dependencies" : [ ]
        }
      }
    }
  }
}
```

3.1.1. Response Structure

The response contains details of the application's beans. The following table describes the structure of the response:

Path	Type	Description
contexts	Object	Application contexts keyed by id.
contexts.*.parentId	String	Id of the parent application context, if any.
contexts.*.beans	Object	Beans in the application context keyed by name.
contexts.*.beans.*.aliases	Array	Names of any aliases.
contexts.*.beans.*.scope	String	Scope of the bean.
contexts.*.beans.*.type	String	Fully qualified type of the bean.
contexts.*.beans.*.resource	String	Resource in which the bean was defined, if any.
contexts.*.beans.*.dependencies	Array	Names of any dependencies.

Chapter 4. Caches (`caches`)

The `caches` endpoint provides access to the application's caches.

4.1. Retrieving All Caches

To retrieve the application's caches, make a `GET` request to `/actuator/caches`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/caches' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 435

{
  "cacheManagers" : {
    "anotherCacheManager" : {
      "caches" : {
        "countries" : {
          "target" : "java.util.concurrent.ConcurrentHashMap"
        }
      }
    },
    "cacheManager" : {
      "caches" : {
        "cities" : {
          "target" : "java.util.concurrent.ConcurrentHashMap"
        },
        "countries" : {
          "target" : "java.util.concurrent.ConcurrentHashMap"
        }
      }
    }
  }
}
```

4.1.1. Response Structure

The response contains details of the application's caches. The following table describes the structure of the response:

Path	Type	Description
`cacheManagers`	`Object`	Cache managers keyed by id.

Path	Type	Description
`cacheManagers.*.caches`	`Object`	Caches in the application context keyed by name.
`cacheManagers.*.caches.*.target`	`String`	Fully qualified name of the native cache.

4.2. Retrieving Caches by Name

To retrieve a cache by name, make a `GET` request to `/actuator/caches/{name}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/caches/cities' -i -X GET
```

The preceding example retrieves information about the cache named `cities`. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 113

{
  "target" : "java.util.concurrent.ConcurrentHashMap",
  "name" : "cities",
  "cacheManager" : "cacheManager"
}
```

4.2.1. Query Parameters

If the requested name is specific enough to identify a single cache, no extra parameter is required. Otherwise, the `cacheManager` must be specified. The following table shows the supported query parameters:

Parameter	Description
`cacheManager`	Name of the cacheManager to qualify the cache. May be omitted if the cache name is unique.

4.2.2. Response Structure

The response contains details of the requested cache. The following table describes the structure of the response:

Path	Type	Description
`name`	`String`	Cache name.
`cacheManager`	`String`	Cache manager name.

Path	Type	Description
target	String	Fully qualified name of the native cache.

4.3. Evict All Caches

To clear all available caches, make a DELETE request to /actuator/caches as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/caches' -i -X DELETE
```

4.4. Evict a Cache by Name

To evict a particular cache, make a DELETE request to /actuator/caches/{name} as shown in the following curl-based example:

```
$ curl
'http://localhost:8080/actuator/caches/countries?cacheManager=anotherCacheManager' -i
-X DELETE \
    -H 'Content-Type: application/x-www-form-urlencoded'
```

> As there are two caches named countries, the cacheManager has to be provided to specify which Cache should be cleared.

4.4.1. Request Structure

If the requested name is specific enough to identify a single cache, no extra parameter is required. Otherwise, the cacheManager must be specified. The following table shows the supported query parameters:

Parameter	Description
cacheManager	Name of the cacheManager to qualify the cache. May be omitted if the cache name is unique.

Chapter 5. Conditions Evaluation Report (`conditions`)

The `conditions` endpoint provides information about the evaluation of conditions on configuration and auto-configuration classes.

5.1. Retrieving the Report

To retrieve the report, make a `GET` request to `/actuator/conditions`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/conditions' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 3705

{
  "contexts" : {
    "application" : {
      "positiveMatches" : {
        "EndpointAutoConfiguration#endpointOperationParameterMapper" : [ {
          "condition" : "OnBeanCondition",
          "message" : "@ConditionalOnMissingBean (types:
org.springframework.boot.actuate.endpoint.invoke.ParameterValueMapper; SearchStrategy:
all) did not find any beans"
        } ],
        "JacksonEndpointAutoConfiguration#endpointObjectMapper" : [ {
          "condition" : "OnClassCondition",
          "message" : "@ConditionalOnClass found required classes
'com.fasterxml.jackson.databind.ObjectMapper',
'org.springframework.http.converter.json.Jackson2ObjectMapperBuilder'"
        }, {
          "condition" : "OnPropertyCondition",
          "message" : "@ConditionalOnProperty (management.endpoints.jackson.isolated-
object-mapper) matched"
        } ],
        "EndpointAutoConfiguration#endpointCachingOperationInvokerAdvisor" : [ {
          "condition" : "OnBeanCondition",
          "message" : "@ConditionalOnMissingBean (types:
org.springframework.boot.actuate.endpoint.invoker.cache.CachingOperationInvokerAdvisor
; SearchStrategy: all) did not find any beans"
        } ]
      },
      "negativeMatches" : {
```

```
      "WebFluxEndpointManagementContextConfiguration" : {
        "notMatched" : [ {
          "condition" : "OnWebApplicationCondition",
          "message" : "not a reactive web application"
        } ],
        "matched" : [ {
          "condition" : "OnClassCondition",
          "message" : "@ConditionalOnClass found required classes
'org.springframework.web.reactive.DispatcherHandler',
'org.springframework.http.server.reactive.HttpHandler'"
        } ]
      },
      "GsonHttpMessageConvertersConfiguration.GsonHttpMessageConverterConfiguration"
: {
        "notMatched" : [ {
          "condition" :
"GsonHttpMessageConvertersConfiguration.PreferGsonOrJacksonAndJsonbUnavailableConditio
n",
          "message" : "AnyNestedCondition 0 matched 2 did not; NestedCondition on
GsonHttpMessageConvertersConfiguration.PreferGsonOrJacksonAndJsonbUnavailableCondition
.JacksonJsonbUnavailable NoneNestedConditions 1 matched 1 did not; NestedCondition on
GsonHttpMessageConvertersConfiguration.JacksonAndJsonbUnavailableCondition.JsonbPrefer
red @ConditionalOnProperty (spring.mvc.converters.preferred-json-mapper=jsonb) did not
find property 'spring.mvc.converters.preferred-json-mapper'; NestedCondition on
GsonHttpMessageConvertersConfiguration.JacksonAndJsonbUnavailableCondition.JacksonAvai
lable @ConditionalOnBean (types:
org.springframework.http.converter.json.MappingJackson2HttpMessageConverter;
SearchStrategy: all) found bean 'mappingJackson2HttpMessageConverter'; NestedCondition
on
GsonHttpMessageConvertersConfiguration.PreferGsonOrJacksonAndJsonbUnavailableCondition
.GsonPreferred @ConditionalOnProperty (spring.mvc.converters.preferred-json-
mapper=gson) did not find property 'spring.mvc.converters.preferred-json-mapper'"
        } ],
        "matched" : [ ]
      },

"WebMvcEndpointManagementContextConfiguration#managementHealthEndpointWebMvcHandlerMap
ping" : {
        "notMatched" : [ {
          "condition" : "OnManagementPortCondition",
          "message" : "Management Port actual port type (SAME) did not match
required type (DIFFERENT)"
        } ],
        "matched" : [ ]
      }
    },
    "unconditionalClasses" : [
"org.springframework.boot.autoconfigure.context.PropertyPlaceholderAutoConfiguration",
"org.springframework.boot.actuate.autoconfigure.endpoint.jackson.JacksonEndpointAutoCo
nfiguration",
"org.springframework.boot.actuate.autoconfigure.endpoint.EndpointAutoConfiguration" ]
```

```
        }
      }
    }
```

5.1.1. Response Structure

The response contains details of the application's condition evaluation. The following table describes the structure of the response:

Path	Type	Description
contexts	Object	Application contexts keyed by id.
contexts.*.positiveMatches	Object	Classes and methods with conditions that were matched.
contexts.*.positiveMatches.*.[].condition	String	Name of the condition.
contexts.*.positiveMatches.*.[].message	String	Details of why the condition was matched.
contexts.*.negativeMatches	Object	Classes and methods with conditions that were not matched.
contexts.*.negativeMatches.*.notMatched	Array	Conditions that were matched.
contexts.*.negativeMatches.*.notMatched.[].condition	String	Name of the condition.
contexts.*.negativeMatches.*.notMatched.[].message	String	Details of why the condition was not matched.
contexts.*.negativeMatches.*.matched	Array	Conditions that were matched.
contexts.*.negativeMatches.*.matched.[].condition	String	Name of the condition.
contexts.*.negativeMatches.*.matched.[].message	String	Details of why the condition was matched.
contexts.*.unconditionalClasses	Array	Names of unconditional auto-configuration classes if any.
contexts.*.parentId	String	Id of the parent application context, if any.

Chapter 6. Configuration Properties (`configprops`)

The `configprops` endpoint provides information about the application's `@ConfigurationProperties` beans.

6.1. Retrieving All @ConfigurationProperties Beans

To retrieve all of the `@ConfigurationProperties` beans, make a `GET` request to `/actuator/configprops`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/configprops' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 3411

{
  "contexts" : {
    "application" : {
      "beans" : {
        "management.endpoints.web.cors-
org.springframework.boot.actuate.autoconfigure.endpoint.web.CorsEndpointProperties" :
{
          "prefix" : "management.endpoints.web.cors",
          "properties" : {
            "allowedOrigins" : [ ],
            "maxAge" : "PT30M",
            "exposedHeaders" : [ ],
            "allowedOriginPatterns" : [ ],
            "allowedHeaders" : [ ],
            "allowedMethods" : [ ]
          },
          "inputs" : {
            "allowedOrigins" : [ ],
            "maxAge" : { },
            "exposedHeaders" : [ ],
            "allowedOriginPatterns" : [ ],
            "allowedHeaders" : [ ],
            "allowedMethods" : [ ]
          }
        },
        "management.endpoints.web-
org.springframework.boot.actuate.autoconfigure.endpoint.web.WebEndpointProperties" : {
          "prefix" : "management.endpoints.web",
```

```
            "properties" : {
              "pathMapping" : { },
              "exposure" : {
                "include" : [ "*" ],
                "exclude" : [ ]
              },
              "basePath" : "/actuator",
              "discovery" : {
                "enabled" : true
              }
            },
            "inputs" : {
              "pathMapping" : { },
              "exposure" : {
                "include" : [ {
                  "value" : "*",
                  "origin" : "\"management.endpoints.web.exposure.include\" from
property source \"Inlined Test Properties\""
                } ],
                "exclude" : [ ]
              },
              "basePath" : { },
              "discovery" : {
                "enabled" : { }
              }
            }
          },
          "spring.web-org.springframework.boot.autoconfigure.web.WebProperties" : {
            "prefix" : "spring.web",
            "properties" : {
              "localeResolver" : "ACCEPT_HEADER",
              "resources" : {
                "staticLocations" : [ "classpath:/META-INF/resources/",
"classpath:/resources/", "classpath:/static/", "classpath:/public/" ],
                "addMappings" : true,
                "chain" : {
                  "cache" : true,
                  "compressed" : false,
                  "strategy" : {
                    "fixed" : {
                      "enabled" : false,
                      "paths" : [ "/**" ]
                    },
                    "content" : {
                      "enabled" : false,
                      "paths" : [ "/**" ]
                    }
                  }
                },
                "cache" : {
                  "cachecontrol" : { },
```

```
                  "useLastModified" : true
                }
              }
            },
            "inputs" : {
              "localeResolver" : { },
              "resources" : {
                "staticLocations" : [ { }, { }, { }, { } ],
                "addMappings" : { },
                "chain" : {
                  "cache" : { },
                  "compressed" : { },
                  "strategy" : {
                    "fixed" : {
                      "enabled" : { },
                      "paths" : [ { } ]
                    },
                    "content" : {
                      "enabled" : { },
                      "paths" : [ { } ]
                    }
                  }
                },
                "cache" : {
                  "cachecontrol" : { },
                  "useLastModified" : { }
                }
              }
            }
          }
        }
      }
    }
  }
}
```

6.1.1. Response Structure

The response contains details of the application's `@ConfigurationProperties` beans. The following table describes the structure of the response:

Path	Type	Description
contexts	Object	Application contexts keyed by id.
contexts.*.beans.*	Object	`@ConfigurationProperties` beans keyed by bean name.
contexts.*.beans.*.prefix	String	Prefix applied to the names of the bean's properties.
contexts.*.beans.*.properties	Object	Properties of the bean as name-value pairs.

Path	Type	Description
contexts.*.beans.*.inputs	Object	Origin and value of the configuration property used when binding to this bean.
contexts.*.parentId	String	Id of the parent application context, if any.

6.2. Retrieving @ConfigurationProperties Beans By Prefix

To retrieve the @ConfigurationProperties beans mapped under a certain prefix, make a GET request to /actuator/configprops/{prefix}, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/configprops/spring.jackson' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Disposition: inline;filename=f.txt
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 878

{
  "contexts" : {
    "application" : {
      "beans" : {
        "spring.jackson-
org.springframework.boot.autoconfigure.jackson.JacksonProperties" : {
          "prefix" : "spring.jackson",
          "properties" : {
            "serialization" : { },
            "visibility" : { },
            "parser" : { },
            "datatype" : {
              "jsonNode" : { },
              "enum" : { }
            },
            "deserialization" : { },
            "generator" : { },
            "mapper" : { }
          },
          "inputs" : {
            "serialization" : { },
            "visibility" : { },
            "parser" : { },
            "datatype" : {
              "jsonNode" : { },
              "enum" : { }
            },
            "deserialization" : { },
            "generator" : { },
            "mapper" : { }
          }
        }
      }
    }
  }
}
```

ℹ️ The `{prefix}` does not need to be exact, a more general prefix will return all beans mapped under that prefix stem.

6.2.1. Response Structure

The response contains details of the application's `@ConfigurationProperties` beans. The following table describes the structure of the response:

Path	Type	Description
contexts	Object	Application contexts keyed by id.
contexts.*.beans.*	Object	`@ConfigurationProperties` beans keyed by bean name.
contexts.*.beans.*.prefix	String	Prefix applied to the names of the bean's properties.
contexts.*.beans.*.properties	Object	Properties of the bean as name-value pairs.
contexts.*.beans.*.inputs	Object	Origin and value of the configuration property used when binding to this bean.
contexts.*.parentId	String	Id of the parent application context, if any.

Chapter 7. Environment (env)

The env endpoint provides information about the application's Environment.

7.1. Retrieving the Entire Environment

To retrieve the entire environment, make a GET request to /actuator/env, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/env' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 78490

{
  "activeProfiles" : [ ],
  "propertySources" : [ {
    "name" : "servletContextInitParams",
    "properties" : { }
  }, {
    "name" : "systemProperties",
    "properties" : {
      "java.specification.version" : {
        "value" : "17"
      },
      "java.class.path" : {
        "value" : "/tmp/build/ac5d84bf/gradle/caches/7.6.3/workerMain/gradle-
worker.jar:/tmp/build/ac5d84bf/stage-git-repo/spring-boot-project/spring-boot-
actuator-autoconfigure/build/classes/java/test:/tmp/build/ac5d84bf/stage-git-
repo/spring-boot-project/spring-boot-actuator-
autoconfigure/build/resources/test:/tmp/build/ac5d84bf/stage-git-repo/spring-boot-
project/spring-boot-actuator-
autoconfigure/build/classes/java/main:/tmp/build/ac5d84bf/stage-git-repo/spring-boot-
project/spring-boot-actuator-
autoconfigure/build/resources/main:/tmp/build/ac5d84bf/stage-git-repo/spring-boot-
project/spring-boot-tools/spring-boot-test-support/build/libs/spring-boot-test-
support-3.2.0.jar:/tmp/build/ac5d84bf/stage-git-repo/spring-boot-project/spring-boot-
actuator/build/libs/spring-boot-actuator-3.2.0.jar:/tmp/build/ac5d84bf/stage-git-
repo/spring-boot-project/spring-boot-autoconfigure/build/libs/spring-boot-
autoconfigure-3.2.0.jar:/tmp/build/ac5d84bf/stage-git-repo/spring-boot-project/spring-
boot-test/build/libs/spring-boot-test-3.2.0.jar:/tmp/build/ac5d84bf/stage-git-
repo/spring-boot-project/spring-boot/build/libs/spring-boot-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.dataformat/jackson-dataformat-
xml/2.15.3/50f061b3ff15979ee0c784c657f5ea8ba7b920c5/jackson-dataformat-xml-
```

```
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
wavefront/1.12.0/bee5f7da497784b53c3c0ff00d188a7c12688866/micrometer-registry-
wavefront-1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-tracing-reporter-
wavefront/1.2.0/1b18fb7f3721a0d8f7437466d94afd3faf0be088/micrometer-tracing-reporter-
wavefront-1.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.wavefront/wavefront-internal-reporter-
java/1.7.16/135f9be9f149a6f0614db155ddf51e216d0d2891/wavefront-internal-reporter-java-
1.7.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.wavefront/wavefront-sdk-
java/3.4.3/48a767aa5aa56b56e09c88e8be87de8707cafe77/wavefront-sdk-java-
3.4.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.datatype/jackson-datatype-
jsr310/2.15.3/4a20a0e104931bfa72f24ef358c2eb63f1ef2aaf/jackson-datatype-jsr310-
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
cassandra/4.2.0/5acd22258fb127c11de53bcaa16495a58f91a510/spring-data-cassandra-
4.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.datastax.oss/java-
driver-query-builder/4.17.0/7bb3d00139594000f4e49a76f6afdd53789074d2/java-driver-
query-builder-4.17.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.datastax.oss/java-driver-
core/4.17.0/3d619c4ecb214ac091006ff06ab32198a260f977/java-driver-core-
4.17.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
elasticsearch/5.2.0/75d9b2eeda24867c976e3ae6b0842779d4d97a32/spring-data-
elasticsearch-5.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.flywaydb/flyway-core/9.22.3/76519923a547892f0108b99d1e7b06dcb4727ecd/flyway-
core-9.22.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.dataformat/jackson-dataformat-
toml/2.15.3/94d1222e3ee02f8d44a0ad6a5f7476d0833e654a/jackson-dataformat-toml-
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jersey.media/jersey-media-json-
jackson/3.1.3/c08467ee1da7f9c7cf0b28c7f3c526e183802bd7/jersey-media-json-jackson-
3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.module/jackson-module-jakarta-xmlbind-
annotations/2.15.3/77b0265c113593d1458fedb3946ad3c91df8ac20/jackson-module-jakarta-
xmlbind-annotations-2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.dataformat/jackson-dataformat-
yaml/2.15.3/2c928259effc818986c7e46c58de5dbfee6ae4ac/jackson-dataformat-yaml-
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-rest-
webmvc/4.2.0/6233f04843ece9f7ba0570cda8fd59bbb40326b6/spring-data-rest-webmvc-
4.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-rest-
core/4.2.0/d6f1e8b0962888ad63e34c09e5bcb654057df4cc/spring-data-rest-core-
4.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.datatype/jackson-datatype-
jdk8/2.15.3/80158cb020c7bd4e4ba94d8d752a65729dc943b2/jackson-datatype-jdk8-
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.core/jackson-
```

core/2.15.3/60d600567c1862840397bf9ff5a92398edc5797b/jackson-core-
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.kafka/kafka-
streams/3.6.0/3e0a8544490d69496d71734752fbe7ed338008f3/kafka-streams-
3.6.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.core/jackson-
annotations/2.15.3/79baf4e605eb3bbb60b1c475d44a7aecceea1d60/jackson-annotations-
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
couchbase/5.2.0/d4260aab26129b58a51bfabfdc076574e02809ca/spring-data-couchbase-
5.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.restdocs/spring-restdocs-
mockmvc/3.0.1/105b72b6c72416492cd483045e902a8ba30e2b1b/spring-restdocs-mockmvc-
3.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.restdocs/spring-restdocs-
webtestclient/3.0.1/5faab99b39fb34d865aa7d4800e2d22b47491e01/spring-restdocs-
webtestclient-3.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.restdocs/spring-restdocs-
core/3.0.1/4fe6b10f656d1fc0f84860f5449866626c4be6b5/spring-restdocs-core-
3.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.jackson.core/jackson-
databind/2.15.3/a734bc2c47a9453c4efa772461a3aeb273c010d9/jackson-databind-
2.15.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/ch.qos.logback/logback-
classic/1.4.11/54450c0c783e896a1a6d88c043bd2f1daba1c382/logback-classic-
1.4.11.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-jakarta-
server/2.31.2/dc385cdccf18d194de4e377fa3f44f09f6361750/artemis-jakarta-server-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-
server/2.31.2/ebf45b48c80b00e93686aa564e9c011987c085ab/artemis-server-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.github.ben-
manes.caffeine/caffeine/3.1.8/24795585df8afaf70a2cd534786904ea5889c047/caffeine-
3.1.8.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.hazelcast/hazelcast-
spring/5.3.6/ffe3c485bf3dcee8bbc1e6b9536dbcdeda4a3eef/hazelcast-spring-
5.3.6.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.hazelcast/hazelcast/5.3.6/e1c1c498b51761364bff1c7fc527321971a3530b/hazelcast-
5.3.6.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.zaxxer/HikariCP/5.0.1/a74c7f0a37046846e88d54f7cb6ea6d565c65f9c/HikariCP-
5.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
jmx/1.12.0/a16960a617c9855a26a5254565bcd3d970191474/micrometer-registry-jmx-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.dropwizard.metrics/metrics-
jmx/4.2.22/2f23beded3e46a3552fc3c1a0fdfb810c24d8f97/metrics-jmx-
4.2.22.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.lettuce/lettuce-
core/6.3.0.RELEASE/e19d2afef1c5c76a6d25ae846a3fe57d8dde8a66/lettuce-core-
6.3.0.RELEASE.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.kafka/spring-
kafka/3.1.0/b32676a3b8b222d201a31434ed05eb049305cb54/spring-kafka-

```
3.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-
jakarta9/1.12.0/d44ea5a6e7f1c1de8a33827797d3f081f798d34/micrometer-jakarta9-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-observation-
test/1.12.0/c2c011cf76cc2ef990f81ad46c079ffe94b6fe58/micrometer-observation-test-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-tracing-bridge-
brave/1.2.0/a3a034f9ae965e8a788feefffbb3ba5b8f18d911/micrometer-tracing-bridge-brave-
1.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-tracing-bridge-
otel/1.2.0/3aa1aa2ff59c8ba0963744e81ca14bc3b5d078ed/micrometer-tracing-bridge-otel-
1.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-
tracing/1.2.0/eda4d65552c9e7bfeb5d96725c43ff2c25a07241/micrometer-tracing-
1.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.amqp/spring-
rabbit/3.1.0/1dd3f24c31521ceb9720e6d48298f9eaaaa14ca3/spring-rabbit-
3.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.batch/spring-batch-
core/5.1.0/3ab7f18437012f847b82967cef609d1a0c19041d/spring-batch-core-
5.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.graphql/spring-
graphql/1.2.4/1a1cdf8487de7b3c1986560461f1797a2b5e33a8/spring-graphql-
1.2.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
jpa/3.2.0/59e49a0eca3d02c3dc593e7a881c19b932641894/spring-data-jpa-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
mongodb/4.2.0/649fb68297f38adab2c1d68d05886b5fa9ca2f4a/spring-data-mongodb-
4.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
ldap/3.2.0/5d3e42fc420a6877f321111f304b006b74370a85/spring-data-ldap-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
webmvc/6.1.1/76c4408b67828aa9656f5955dc2c1c4c0e1b6da3/spring-webmvc-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.integration/spring-integration-
jmx/6.2.0/5c818543c50d4318f107617bc7e8d99e817ddee4/spring-integration-jmx-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.integration/spring-integration-
core/6.2.0/faa0ca7aabddb4ec0690c18a801e595dc46cbfa0/spring-integration-core-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-
config/6.2.0/bcfe1e3d9aaa2cdfc46e48ae6c22dccfca5d77da/spring-security-config-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-oauth2-resource-
server/6.2.0/c0b85a7044ef5b35b09a3c4b53e55af275b17e37/spring-security-oauth2-resource-
server-6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-saml2-service-
provider/6.2.0/923b709fbaf11a1830cc46e5566f939db20c48d7/spring-security-saml2-service-
```

```
provider-6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-
test/6.2.0/ad4854b377de1c4a5058e826e143f434301a9b41/spring-security-test-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-
web/6.2.0/279f836f90d0b7d394abe115e5504b2ff4b66643/spring-security-web-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
redis/3.2.0/6f748ab891e7e4c483a9fcd4c8e3e96b11d5ca9/spring-data-redis-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-context-
support/6.1.1/b24f79e495719e0a47affab13724bf7a6e1d8941/spring-context-support-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
keyvalue/3.2.0/f7bf1ed70ab939b5ce52c3ed7046aa4db9ff9333/spring-data-keyvalue-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-oauth2-
jose/6.2.0/30a0e023e5e5485ab3b5d9fe78c34183e00ad4bd/spring-security-oauth2-jose-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-oauth2-
core/6.2.0/2f820fa7a59a556f98748f8a4bd041d9919ba374/spring-security-oauth2-core-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-
core/6.2.0/7542f0da00c7bbe5a3f32a8710490a62c396ff52/spring-security-core-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.hateoas/spring-
hateoas/2.2.0/ed2b27f280d2662ccde2b92fd474ef4aa393119/spring-hateoas-
2.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.plugin/spring-plugin-
core/3.0.0/d56aa02dd7272dca30aa598dc8b72e823227046a/spring-plugin-core-
3.0.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
context/6.1.1/610d7dd3f62d22d42b993a201e3110649b68e17/spring-context-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
jms/6.1.1/575298914bad0dc3b9fa6e2b09ee6f3bdf701bc/spring-jms-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.cache2k/cache2k-
micrometer/2.6.1.Final/58731da010cc872915e012325027954bdc3122c8/cache2k-micrometer-
2.6.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hibernate.orm/hibernate-
micrometer/6.3.1.Final/9ac34c6918584acea0d4cd3b06b6d2b05cff5334/hibernate-micrometer-
6.3.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
stackdriver/1.12.0/ae7c892d98dd25050665916548b9dbd7d063ca8d/micrometer-registry-
stackdriver-1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
appoptics/1.12.0/3dd397eab0b15806ad71ac5128ae759c7a1a94d6/micrometer-registry-
appoptics-1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
atlas/1.12.0/755264670dc83045dc8d208a6fd4a2a852acf1b1/micrometer-registry-atlas-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
```

```
2.1/io.micrometer/micrometer-registry-
datadog/1.12.0/45fc9eebf9841f694e19bc6ef04338a521d7f725/micrometer-registry-datadog-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
dynatrace/1.12.0/eaf33b02ada0ced5cce2946ed2e0aae91b2ad759/micrometer-registry-
dynatrace-1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
elastic/1.12.0/ac9f7ff70351b5704b8cbdb39482427e28ba8741/micrometer-registry-elastic-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
ganglia/1.12.0/9e64be1626337ce619bda0445d9aceefb993262a/micrometer-registry-ganglia-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
graphite/1.12.0/94facf00d8445a59ba63c84b0ba71055aeae7596/micrometer-registry-graphite-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
humio/1.12.0/8ded7fa21731eff5ae99d363a3948dcf29b3eef2/micrometer-registry-humio-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
influx/1.12.0/b25aa2567204b8ec786d0d26899986ed86523d21/micrometer-registry-influx-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
kairos/1.12.0/dbb59186a5926b159f844155a45b1352f1d4cf47/micrometer-registry-kairos-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-new-
relic/1.12.0/880a27ac5b0229bbb816ae057afc8faf9334c088/micrometer-registry-new-relic-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
otlp/1.12.0/dbc2368ede061f134aed91a0fc984239757f569c/micrometer-registry-otlp-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
prometheus/1.12.0/5fd0087800dfc7038e3f43a78e13e2699a04b8a2/micrometer-registry-
prometheus-1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
signalfx/1.12.0/b678a97e8ec97b6e29664f010c590ee15604198a/micrometer-registry-signalfx-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-registry-
statsd/1.12.0/d35e3394757f3d02ac7ab1e0ed4af0b0d1c3e76/micrometer-registry-statsd-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-
core/1.12.0/830b242b1617b1508098fc4568b71f47336012d3/micrometer-core-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
webflux/6.1.1/57bdc41e83ab4dc443155ea9df0332bcc62e4527/spring-webflux-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
web/6.1.1/4eeb5f2edb9f04d00357edcc56b59d3874b3b453/spring-web-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.micrometer/micrometer-
observation/1.12.0/4f4981faa7968441d0092107df9b750e057374af/micrometer-observation-
1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
```

```
2.1/io.prometheus/simpleclient_pushgateway/0.16.0/65935d9855ece6f85c21ad38634703d0917b
f88c/simpleclient_pushgateway-0.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-
2/files-2.1/io.zipkin.reporter2/zipkin-reporter-
brave/2.16.3/4d5017d71e4de139b6a31612cfd837b7c71d288c/zipkin-reporter-brave-
2.16.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.zipkin.reporter2/zipkin-sender-
urlconnection/2.16.3/8ea6090584755a4040491e9407b8858241259430/zipkin-sender-
urlconnection-2.16.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opentelemetry.instrumentation/opentelemetry-instrumentation-api-semconv/1.31.0-
alpha/70c53e7684c8458d85a31f0fa6396a9ca3d94d1d/opentelemetry-instrumentation-api-
semconv-1.31.0-alpha.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opentelemetry.semconv/opentelemetry-semconv/1.21.0-
alpha/207660e74d1e155272e9559fd4d27854b92fc6ac/opentelemetry-semconv-1.21.0-
alpha.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opentelemetry/opentelemetry-exporter-
zipkin/1.31.0/eabce38bfb5e47ce494a9d559374b0f52d704056/opentelemetry-exporter-zipkin-
1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opentelemetry/opentelemetry-exporter-
otlp/1.31.0/b6454464425dfd81519070caeca3824558a2f1ae/opentelemetry-exporter-otlp-
1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.projectreactor.netty/reactor-netty-
http/1.1.13/c5af7bc746050d080891a5446cca2c96a0c51d03/reactor-netty-http-
1.1.13.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.r2dbc/r2dbc-
pool/1.0.1.RELEASE/41ec552a21fc0884dfb85335bd3f4c757a269ab1/r2dbc-pool-
1.0.1.RELEASE.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.r2dbc/r2dbc-proxy/1.1.2.RELEASE/a4268ed7560bb5556eb062d67715724d2c165bc/r2dbc-
proxy-1.1.2.RELEASE.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.r2dbc/r2dbc-h2/1.0.0.RELEASE/b99b52c87e7f32136f58131ad7b7a3e2eb168f75/r2dbc-h2-
1.0.0.RELEASE.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.r2dbc/r2dbc-spi/1.0.0.RELEASE/e3d15b2d27fdb8fdb76a181b21d5c752adf1d165/r2dbc-
spi-1.0.0.RELEASE.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/activemq-client-
jakarta/5.18.3/d287c8c30ab3ac13d0346bc2cb9dd65585889d0f/activemq-client-jakarta-
5.18.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-jakarta-service-
extensions/2.31.2/e553fd0d321cab599d34346ad4b7bd0e24d03c35/artemis-jakarta-service-
extensions-2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-jakarta-
client/2.31.2/78cfc65b10ffce35b77c21bddf086661f8f7ce00/artemis-jakarta-client-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.jms/jakarta.jms-
api/3.1.0/e194cf91a3f908e4846542849ac11a8e0b3c68ad/jakarta.jms-api-
3.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hibernate.orm/hibernate-
core/6.3.1.Final/1101d7e09e4853a110fd27a6f35c906f5709ac4f/hibernate-core-
6.3.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.persistence/jakarta.persistence-
api/3.1.0/66901fa1c373c6aff65c13791cc11da72060a8d6/jakarta.persistence-api-
3.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.undertow/undertow-
servlet/2.3.10.Final/3a10fc3aae27c353680dae47d01c7c28b0fc604c/undertow-servlet-
2.3.10.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
```

```
2.1/org.eclipse.jetty.ee10/jetty-ee10-
webapp/12.0.3/7bb2b90ebea07e713a111723b791147b20dcc17d/jetty-ee10-webapp-
12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.eclipse.jetty.ee10/jetty-ee10-
servlet/12.0.3/fab34a7486eb7df0ad53f3a8eb6886c409f3f323/jetty-ee10-servlet-
12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.servlet/jakarta.servlet-
api/6.0.0/abecc699286e65035ebba9844c03931357a6a963/jakarta.servlet-api-
6.0.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/javax.cache/cache-
api/1.1.1/c56fb980eb5208bfee29a9a5b9d951aba076bd91/cache-api-
1.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-jdbc-
store/2.31.2/7d057c1abb42b597907064b29e528064d89608e6/artemis-jdbc-store-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.commons/commons-
dbcp2/2.10.0/f48fe03b03c1bacda7f22d16ce328d7897bc5727/commons-dbcp2-
2.10.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.kafka/kafka-
clients/3.6.0/9ec088e4e8f59688c56f6b50a4af6c45df09f51e/kafka-clients-
3.6.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.logging.log4j/log4j-to-
slf4j/2.21.1/d77b2ba81711ed596cd797cc2b5b5bd7409d841c/log4j-to-slf4j-
2.21.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.logging.log4j/log4j-
api/2.21.1/74c65e87b9ce1694a01524e192d7be989ba70486/log4j-api-
2.21.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.tomcat.embed/tomcat-embed-
core/10.1.16/176162fb3998856a90436826034ffe5d25beaeb9/tomcat-embed-core-
10.1.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.tomcat.embed/tomcat-embed-
el/10.1.16/f057e54bfffe99df7f0d04cd4e688e55bf8a0da5/tomcat-embed-el-
10.1.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.tomcat/tomcat-
jdbc/10.1.16/9ba2271ec8a3bb096f418643b585d23bad3e5465/tomcat-jdbc-
10.1.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
aspects/6.1.1/bfcb6682e205b4ef6ae7986ac7ea35eae29f31f4/spring-aspects-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.aspectj/aspectjweaver/1.9.20.1/33b0e41476658229933eec7134678cf336e66dd4/aspect
jweaver-1.9.20.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.cache2k/cache2k-
spring/2.6.1.Final/cd312efb1645de91bdd8571b98273cb0acf52d15/cache2k-spring-
2.6.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.eclipse.angus/angus-mail/2.0.2/50b79f61a1982e218a102c452a34ac6e70432807/angus-
mail-2.0.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.eclipse.jetty/jetty-
session/12.0.3/a3d59036c54249ba22405e819f8998d9a7dc9935/jetty-session-
12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.eclipse.jetty/jetty-
security/12.0.3/82df341f8f00da4f85c3ee3b3f540c7725dbf1f0/jetty-security-
12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
```

```
2.1/org.eclipse.jetty/jetty-
server/12.0.3/8503aca881540219ad1ae86e8df49e836517298f/jetty-server-
12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/co.elastic.clients/elasticsearch-
java/8.10.4/5c61615b0b4f7ee9a35b2188b8b5472f6196677f/elasticsearch-java-
8.10.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.elasticsearch.client/elasticsearch-rest-
client/8.10.4/8cad3e1e39e6e9dd82e8fa74d46f5e06b14df388/elasticsearch-rest-client-
8.10.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jersey.ext/jersey-
spring6/3.1.3/1b4ba8c9f9d43a201f0514290672cd59dae8132/jersey-spring6-
3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jersey.containers/jersey-container-servlet-
core/3.1.3/b583f9ac773bdbc87a8a3ac03fa407f1175b185f/jersey-container-servlet-core-
3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jersey.core/jersey-
server/3.1.3/3108bec121e3c564cad7e8c7cb53835331bd654f/jersey-server-
3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hibernate.validator/hibernate-
validator/8.0.1.Final/e49e116b3d3928060599b176b3538bb848718e95/hibernate-validator-
8.0.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.influxdb/influxdb-java/2.23/5fd74d5ef7cc5c731f82d5fb9c7e0b6b6a94da77/influxdb-
java-2.23.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.liquibase/liquibase-
core/4.24.0/e671a64b481f57f3f08dd3a8aa81e84f7ac25f1b/liquibase-core-
4.24.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.mongodb/mongodb-
driver-reactivestreams/4.11.1/7214803af6aab0d711d5594ec0aa7925d1611116/mongodb-driver-
reactivestreams-4.11.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.mongodb/mongodb-driver-
sync/4.11.1/745dd8183b5f89e6211db8c1acdf30cc44447759/mongodb-driver-sync-
4.11.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.neo4j.driver/neo4j-java-
driver/5.13.0/35c03af904883a3779bb27b53b51ff4f3a2a3a8e/neo4j-java-driver-
5.13.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.quartz-
scheduler/quartz/2.3.2/18a6d6b5a40b77bd060b34cb9f2acadc4bae7c8a/quartz-
2.3.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
orm/6.1.1/e9672bb788f74ed12f9ad9e2bf12eb9e4d7c8695/spring-orm-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
jdbc/6.1.1/92f1f65c3d8ccee4a86cd8f85a446d99f2915833/spring-jdbc-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
messaging/6.1.1/bca2a80e797c8fcace3370d84fecc5892bf37996/spring-messaging-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.session/spring-session-
core/3.2.0/4c2346f04ad42a808b1b9a2df2357b1b9342295b/spring-session-core-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/redis.clients/jedis/5.0.2/47d917ce322cef3fc1fbe7534f351e25d977e52b/jedis-
5.0.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.projectreactor/reactor-
```

```
test/3.6.0/d1eeaa4375285f85d1b1eb32f1c8974cbe4bce93/reactor-test-
3.6.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.squareup.okhttp3/mockwebserver/4.12.0/3bc54cc5c87cd632031d0881f3c313d3799a1476
/mockwebserver-4.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.jayway.jsonpath/json-path/2.8.0/b4ab3b7a9e425655a0ca65487bbbd6d7ddb75160/json-
path-2.8.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.undertow/undertow-
core/2.3.10.Final/96d1d5ca6406a75a285b95ea8f4b39e0fb2d707e/undertow-core-
2.3.10.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jaxb/jaxb-
runtime/4.0.4/7180c50ef8bd127bb1dd645458b906cffcf6c2b5/jaxb-runtime-
4.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jaxb/jaxb-core/4.0.4/2d5aadd02af86f1e9d8c6f7e8501673f915d4e25/jaxb-
core-4.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.xml.bind/jakarta.xml.bind-
api/4.0.1/ca2330866cbc624c7e5ce982e121db1125d23e15/jakarta.xml.bind-api-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.aspectj/aspectjrt/1.9.20.1/26954e413fd6e4278c5720abe29726a904f14bc8/aspectjrt-
1.9.20.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-core-
test/6.1.1/c7ff31b6db5950bfbe8d6a89cebf9610a3dce24c/spring-core-test-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.assertj/assertj-
core/3.24.2/ebbf338e33f893139459ce5df023115971c2786f/assertj-core-
3.24.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.awaitility/awaitility/4.2.0/2c39784846001a9cffd6c6b89c78de62c0d80fb8/awaitilit
y-4.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.cache2k/cache2k-
core/2.6.1.Final/7e333caaafa2bf4e489b58537b5c4218a4e6505/cache2k-core-
2.6.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.cache2k/cache2k-
api/2.6.1.Final/6afd23d7897fff56515f0cefa6a846bdebe10bce/cache2k-api-
2.6.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hamcrest/hamcrest-
library/2.2/cf530c8a0bc993487c64e940ae639bb4a6104dc6/hamcrest-library-
2.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/junit/junit/4.13.2/8ac9e16d933b6fb43bc7f576336b8f4d7eb5ba12/junit-
4.13.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hamcrest/hamcrest-core/2.2/3f2bd07716a31c395e2837254f37f21f0f0ab24b/hamcrest-
core-2.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hamcrest/hamcrest/2.2/1820c0968dba3a11a1b30669bb1f01978a91dedc/hamcrest-
2.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hsqldb/hsqldb/2.7.2/d92d4d2aa515714da2165c9d640d584c2896c9df/hsqldb-
2.7.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.junit.platform/junit-platform-
launcher/1.10.1/ce85bf5e38bee0989ded9bd468dd4ff78dc0cfa8/junit-platform-launcher-
1.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.github.spotbugs/spotbugs-
annotations/4.7.3/46fb4f0ae2e69eafa963711cc5c3369ac81aa31f/spotbugs-annotations-
4.7.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.mockito/mockito-
junit-jupiter/5.7.0/ac2d6a3431747a7986b8f4abef465f72bf3a21ae/mockito-junit-jupiter-
5.7.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.junit.jupiter/junit-jupiter-
```

params/5.10.1/c8f15d4e99940c4564098af78c10809c00fdca06/junit-jupiter-params-
5.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.junit.jupiter/junit-jupiter-
engine/5.10.1/6c9ff773f9aa842b91d1f2fe4658973252ce2428/junit-jupiter-engine-
5.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.junit.jupiter/junit-jupiter-
api/5.10.1/eb90c7d8bfaae8fdc97b225733fcb595ddd72843/junit-jupiter-api-
5.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.junit.platform/junit-platform-
engine/1.10.1/f32ae4af74fde68414b8a3d2b7cf1fb43824a83a/junit-platform-engine-
1.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.junit.platform/junit-platform-
commons/1.10.1/2bfcd4a4e38b10c671b6916d7e543c20afe25579/junit-platform-commons-
1.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.junit.jupiter/junit-
jupiter/5.10.1/6e5c7dd668d6349cb99e52ab8321e73479a309bc/junit-jupiter-
5.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.mockito/mockito-
core/5.7.0/a1c258331ab91d66863c983aff7136357e9de056/mockito-core-
5.7.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.skyscreamer/jsonassert/1.5.1/6d842d0faf4cf6725c509a5e5347d319ee0431c3/jsonasse
rt-1.5.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.yaml/snakeyaml/2.2/3af797a25458550a16bf89acc8e4ab2b7f2bfce0/snakeyaml-
2.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.management.j2ee/jakarta.management.j2ee-
api/1.1.4/dbbe7575f97efd0b04f3a8455cf82c256c853055/jakarta.management.j2ee-api-
1.1.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.transaction/jakarta.transaction-
api/2.0.1/51a520e3fae406abb84e2e1148e6746ce3f80a1a/jakarta.transaction-api-
2.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
saml-impl/4.0.1/995986fd848ede1443469f3aff1f82b740224262/opensaml-saml-impl-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
saml-api/4.0.1/2205aba935f4da468382a3dc5f32c3821ec1564c/opensaml-saml-api-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
soap-impl/4.0.1/38bfaf5fc189774e94ead218bd1c754da295c226/opensaml-soap-impl-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
profile-api/4.0.1/bece5f6d30d4051e6eeaf2b88dd1e5a13f6b28b7/opensaml-profile-api-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
soap-api/4.0.1/d8e11e31cb5164788a530478e1831969e94a38b6/opensaml-soap-api-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
xmlsec-impl/4.0.1/efa15ba85127ac3b20c75b8d4f04c7e92325a00a/opensaml-xmlsec-impl-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
xmlsec-api/4.0.1/edb4365d3d183933cf0d0b31966ea352b8d20c60/opensaml-xmlsec-api-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
security-impl/4.0.1/64568e9aa8bd7bcd76983e462f9eb2c3dcacbdce/opensaml-security-impl-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
security-api/4.0.1/f3d33ca18cde2a7c7e3643aeca9f03974be9577d/opensaml-security-api-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
messaging-api/4.0.1/eb9c9971f6bd2a6681a2a692a1f29a35874de389/opensaml-messaging-api-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-
core/4.0.1/ec3d1734137d6ccabba7d6d5e149f571beeaa673/opensaml-core-
4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-

```
2.1/org.springframework/spring-
test/6.1.1/e86044a9b56e7c6860d643dd11b7b44624cce4a/spring-test-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.ldap/spring-ldap-
core/3.2.0/bbc3333a9de29efed062c73bcff9787b96d02c89/spring-ldap-core-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
tx/6.1.1/100cf99c3e41b12eab810d780c0e6e3905c51c12/spring-tx-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.amqp/spring-
amqp/3.1.0/86fddd6752472f1acd8e33fa88ef44b3060f49f0/spring-amqp-
3.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
aop/6.1.1/66cb0e08770d4523ae3976b0b791cde767466c61/spring-aop-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.data/spring-data-
commons/3.2.0/1c98c48b9fde0624337e19f3577fce20d19b78ea/spring-data-commons-
3.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
oxm/6.1.1/2940702b9f9d4396abb9abe28229eda49edf54fe/spring-oxm-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
beans/6.1.1/6af88af13193acf2197bc0a42f0ec4e5c481bfe9/spring-beans-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.batch/spring-batch-
infrastructure/5.1.0/ec64dc0a5ace1fb78f34b2e242840d6275b0ef4f/spring-batch-
infrastructure-5.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
expression/6.1.1/807700a64cb055ed85af189d1fa0702bc0d2efba/spring-expression-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
core/6.1.1/22d73bef97aff8a74a992716fe1aafc8f8a8a68d/spring-core-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.vaadin.external.google/android-
json/0.0.20131108.vaadin1/fa26d351fe62a6a17f5cda1287c1c6110dec413f/android-json-
0.0.20131108.vaadin1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.mchange/c3p0/0.9.5.5/37dfc3021e5589d65ff2ae0becf811510b87ab01/c3p0-
0.9.5.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jersey.core/jersey-
client/3.1.3/d701564333d25b3cc9ac95756996dab21a8cae43/jersey-client-
3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jersey.inject/jersey-
hk2/3.1.3/594b23af6a09f621c16e94b85901aa3738455f9c/jersey-hk2-
3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jersey.core/jersey-
common/3.1.3/b4a091d46ec7d0235177338419f5c5d2d2d89039/jersey-common-
3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.hk2/spring-
bridge/3.0.4/88d29bb7b2a8ef666c8a9dd27432ac4407d4c14b/spring-bridge-
3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.hk2/hk2/3.0.4/5d9052b9f58fc5606b9d2106e359b306ed946a3a/hk2-
```

3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.glassfish.hk2/hk2-core/3.0.4/a4e36a6578b50ab4d8efa5ebe8c365c03b76330c/hk2-core-3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.glassfish.hk2/hk2-runlevel/3.0.4/e22a729485e7b4c30e25dd6f963a87f5502f9077/hk2-runlevel-3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.glassfish.hk2/hk2-locator/3.0.4/8ac6800f4102d2961b2d4380a483a0374a5a32dc/hk2-locator-3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.glassfish.hk2/hk2-api/3.0.4/ec406de7356ace192ba536294b7424194a7f44ab/hk2-api-3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.glassfish.hk2/hk2-utils/3.0.4/d33f91938dbbb239ab026e37cb75afbd16090895/hk2-utils-3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/jakarta.inject/jakarta.inject-api/2.0.1/4c28afe1991a941d7702fe1362c365f0a8641d1e/jakarta.inject-api-2.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven/maven-resolver-provider/3.9.4/d5e38634c1251e000f7718437973a730346bc336/maven-resolver-provider-3.9.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven/maven-model-builder/3.9.4/b12e45736ddfb51f648e1579877a293659e5a96e/maven-model-builder-3.9.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven.resolver/maven-resolver-connector-basic/1.9.14/ffeb368f5587513b29ef9771514ec36d246e65f5/maven-resolver-connector-basic-1.9.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven.resolver/maven-resolver-impl/1.9.14/2aa090aca572f7061e5c57f714ef0445bbb4555f/maven-resolver-impl-1.9.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven.resolver/maven-resolver-transport-http/1.9.14/1eb4acdce7f21526bd06654b3d7b1edf80370ce8/maven-resolver-transport-http-1.9.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven.resolver/maven-resolver-spi/1.9.14/a190c3d49791240c87799f29848505fc9fd8be11/maven-resolver-spi-1.9.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven.resolver/maven-resolver-util/1.9.14/ea6fd2997903700191711dee4448746ed30fe4b9/maven-resolver-util-1.9.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven.resolver/maven-resolver-api/1.9.14/bd5b7cd9d15c2efcab4d8c8215e769523e8843e4/maven-resolver-api-1.9.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.micrometer/context-propagation/1.0.5/c74e46568593def2bd6e63d67fddcced513c4e1d/context-propagation-1.0.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.opensaml/opensaml-storage-api/4.0.1/4e46a7f965ac9f91976b0f298fd4d4e69e9056db/opensaml-storage-api-4.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/net.shibboleth.utilities/java-support/8.0.0/298f946e93922d789b6231599a446cea9dbbe80e/java-support-8.0.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.santuario/xmlsec/2.1.4/cb43326f02e3e77526c24269c8b5d3cc3f7f6653/xmlsec-2.1.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.google.cloud/google-cloud-monitoring/3.31.0/7267eb1613e152b33d8e682e3626e6fc22058dc2/google-cloud-monitoring-3.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-

```
2.1/com.google.auth/google-auth-library-oauth2-
http/1.20.0/a5f0e4a16f5b12cde3df1ea413852aeaf176176/google-auth-library-oauth2-http-
1.20.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.google.http-
client/google-http-client-gson/1.43.3/252e267acf720ef6333488740a696a1d5e204639/google-
http-client-gson-1.43.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.http-client/google-http-
client/1.43.3/a758b82e55a2f5f681e289c5ed384d3dbda6f3cd/google-http-client-
1.43.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.httpcomponents/httpclient/4.5.14/1194890e6f56ec29177673f2f12d0b8e627dec
98/httpclient-4.5.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/commons-codec/commons-
codec/1.16.0/4e3eb3d79888d76b54e28b350915b5dc3919c9de/commons-codec-
1.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.api.grpc/proto-google-cloud-monitoring-
v3/3.31.0/72b9d341ab5bc691f90ca146efe24317ffade4fd/proto-google-cloud-monitoring-v3-
3.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opencensus/opencensus-contrib-http-
util/0.31.1/3c13fc5715231fadb16a9b74a44d9d59c460cfa8/opencensus-contrib-http-util-
0.31.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.guava/guava/32.1.3-jre/f306708742ce2bf0fb0901216183bc14073feae/guava-
32.1.3-jre.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.code.findbugs/jsr305/3.0.2/25ea2e8b0c338a877313bd4672d3fe056ea78f0d/jsr
305-3.0.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.dropwizard.metrics/metrics-
graphite/4.2.22/9d8cd3ed749f2c2f846e0c58c485c8a0d5d5181e/metrics-graphite-
4.2.22.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.dropwizard.metrics/metrics-
core/4.2.22/61625cf2338fe84464c5d586dbba51d4ff36a2b8/metrics-core-
4.2.22.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.velocity/velocity-engine-
core/2.2/68d899cb70cd27d495562fa808feb2da4926d38f/velocity-engine-core-
2.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.maven.resolver/maven-resolver-named-
locks/1.9.14/71cf74d91b4f6de1bff8fc1fafb401d9ac42b1b8/maven-resolver-named-locks-
1.9.14.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-core-
client/2.31.2/7e57f03e30c3609974cb6b9502194c01557c75b7/artemis-core-client-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-
selector/2.31.2/f07c0be53d2012bfcadcf60131376fe8c18eb54d/artemis-selector-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-
journal/2.31.2/8e2c4810a240dc205ae53a6f6e79e8ce6138897a/artemis-journal-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/artemis-
commons/2.31.2/abe9e8126929ec50f370cd461093a8484db6dc79/artemis-commons-
2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.zaxxer/HikariCP-
java7/2.4.13/3e441eddedb374d4de8e3abbb0c90997f51cc97b/HikariCP-java7-
2.4.13.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.graphql-
java/graphql-java/21.3/e26dce30e9fdf1a205cf2539b8751424be244cea/graphql-java-
21.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
```

2.1/org.eclipse.jetty/jetty-xml/12.0.3/410f2bec4445ea5f4c0f332418654c2e2a236f55/jetty-xml-12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.eclipse.jetty/jetty-http/12.0.3/ed4e6134ba7ede0a59555a33604efc9d496b35be/jetty-http-12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.eclipse.jetty/jetty-io/12.0.3/45670873c49bf053fc1c7d07059f3c7052489459/jetty-io-12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.netflix.spectator/spectator-reg-atlas/1.7.2/1f916c58eb6187229a7db1a31e967e88141863ef/spectator-reg-atlas-1.7.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.rabbitmq/amqp-client/5.19.0/6bd68c3cdf2662a9fbff8de5b9ef2b0fb1e6fe57/amqp-client-5.19.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.graphql-java/java-dataloader/3.2.1/58589bd3fcdb39b2b59674a0ec615242a8113b9c/java-dataloader-3.2.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.eclipse.jetty/jetty-util/12.0.3/8ddd63424b855f9a6531a00db1a5cc3e414fb7a6/jetty-util-12.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.netflix.spectator/spectator-ext-ipc/1.7.2/a7adbbd58d89fd78a8d3a40d64e543399d01a519/spectator-ext-ipc-1.7.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.netflix.spectator/spectator-api/1.7.2/72d9e69b34e70ace2f66245d83210462205b977a/spectator-api-1.7.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.slf4j/slf4j-api/2.0.9/7cf2726fdcfbc8610f9a71fb3ed639871f315340/slf4j-api-2.0.9.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.httpcomponents/httpcore/4.4.16/51cf043c87253c9f58b539c9f7e44c8894223850/httpcore-4.4.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.activemq/artemis-quorum-api/2.31.2/7b70078c16773d84d2829561713eff627a772fe9/artemis-quorum-api-2.31.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/net.bytebuddy/byte-buddy/1.14.10/8117daf4a612122eb4f517f66adff778cb8b4737/byte-buddy-1.14.10.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/net.bytebuddy/byte-buddy-agent/1.14.10/90ed94ac044ea8953b224304c762316e91fd6b31/byte-buddy-agent-1.14.10.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.fasterxml/classmate/1.6.0/91affab6f84a2182fce5dd72a8d01bc14346dddd/classmate-1.6.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.opencsv/opencsv/5.8/8ec9e6c5e72d83a4122498344a6cf1d22dc08322/opencsv-5.8.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.commons/commons-configuration2/2.9.0/adc3ee6b84fc62a6e75e901d080adacb72aac61e/commons-configuration2-2.9.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.commons/commons-text/1.10.0/3363381aef8cef2dbc1023b3e3a9433b08b64e01/commons-text-1.10.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven/maven-artifact/3.9.4/9738999a0459221e758ebe728449c43567d7fecc/maven-artifact-3.9.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.commons/commons-lang3/3.13.0/b7263237aa89c1f99b327197c41d0669707a462e/commons-lang3-3.13.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.commons/commons-

```
pool2/2.12.0/458563f69fbdaebf7daadfe10dc3a22e42a7de50/commons-pool2-
2.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.couchbase.client/java-
client/3.4.11/3c762f4232188d5680b5113a643a328b02963cbb/java-client-
3.4.11.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.code.gson/gson/2.10.1/b3add478d4382b78ea20b1671390a858002feb6c/gson-
2.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.h2database/h2/2.2.224/7bdade27d8cd197d9b5ce9dc251f41d2edc5f7ad/h2-
2.2.224.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.httpcomponents/httpasyncclient/4.1.5/cd18227f1eb8e9a263286c1d7362ceb24f
6f9b32/httpasyncclient-4.1.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.httpcomponents/httpcore-
nio/4.4.16/cd21c80a9956be48c4c1cfd2f594ba02857d0927/httpcore-nio-
4.4.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.eclipse.angus/angus-
activation/2.0.1/eaafaf4eb71b400e4136fc3a286f50e34a68ecb7/angus-activation-
2.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.mail/jakarta.mail-
api/2.1.2/e2f24836f1720a6b53d98240a78b4860597428c8/jakarta.mail-api-
2.1.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.activation/jakarta.activation-
api/2.1.2/640c0d5aff45dbff1e1a1bc09673ff3a02b1ba12/jakarta.activation-api-
2.1.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/jakarta.annotation/jakarta.annotation-
api/2.1.1/48b9bda22b091b1f48b13af03fe36db3be6e1ae3/jakarta.annotation-api-
2.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.eclipse.parsson/parsson/1.0.0/2a3b84d40ad99500d8032312bb6b03c35018dcca/parsson
-1.0.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/jakarta.json/jakarta.json
-api/2.1.3/4febd83e1d9d1561d078af460ecd19532383735c/jakarta.json-api
-2.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/jakarta.validation/jakarta.validation
-api/3.0.2/92b6631659ba35ca09e44874d3eb936edfeee532/jakarta.validation-api
-3.0.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.glassfish.jersey.ext/jersey-entity
-filtering/3.1.3/796dc903d14d68a8cf3a4f81d546d50777a4179c/jersey-entity-filtering
-3.1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/jakarta.ws.rs/jakarta.ws.rs
-api/3.1.0/15ce10d249a38865b58fc39521f10f29ab0e3363/jakarta.ws.rs-api
-3.1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.jboss.xnio/xnio
-nio/3.8.8.Final/a5d2faf8d02e0a0bb9e9eabca8e38173cb640331/xnio-nio
-3.8.8.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.jboss.xnio/xnio-api/3.8.8.Final/1ba9c8b9a8dea1c6cd656155943e6d4c2c631fa7/xnio
-api-3.8.8.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.wildfly.client/wildfly-client
-config/1.0.1.Final/2a803b23c40a0de0f03a90d1fd3755747bc05f4b/wildfly-client-config
-1.0.1.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.jboss.threads/jboss
-threads/3.5.0.Final/dd23d4788b3eafe9597ef3fe028e46ceb293ba8d/jboss-threads
-3.5.0.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.jboss.logging/jboss
```

```
-logging/3.5.3.Final/c88fc1d8a96d4c3491f55d4317458ccad53ca663/jboss-logging
-3.5.3.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/net.minidev/json-smart/2.5.0/57a64f421b472849c40e77d2e7cce3a141b41e99/json-smart
-2.5.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/ch.qos.logback/logback
-core/1.4.11/2f9f280219a9922a74200eaf7138c4c17fb87c0f/logback-core
-1.4.11.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.mongodb/mongodb
-driver-core/4.11.1/ff92549ef5bdfbc451edeb23dd42ee395223d6e4/mongodb-driver-core
-4.11.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.mongodb/bson
-record-codec/4.11.1/d7c145266733ead62fa55883b83840931f6eefe5/bson-record-codec
-4.11.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.mongodb/bson/4.11.1/b88ffb4f994f5fef89084f037bb17f8285aaa925/bson
-4.11.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.projectreactor.addons/reactor
-pool/1.0.3/e30379655ef3152fafde8a30e3da0ccb8a1854eb/reactor-pool
-1.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.projectreactor.netty/reactor-netty
-core/1.1.13/faea23e582978a34f6a932b81e86206ec2314990/reactor-netty-core
-1.1.13.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/com.couchbase.client/core-io/2.4.11/bf3857c566b489367d96defaa84ec2766dfea607/core
-io-2.4.11.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.projectreactor/reactor
-core/3.6.0/ac8c6923f46c0dff079133e010f0aa3132ccf1c2/reactor-core
-3.6.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.reactivestreams/reactive
-streams/1.0.4/3864a1320d97d7b045f729a326e1e077661f31b7/reactive-streams
-1.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.springframework.retry/spring
-retry/2.0.4/20e833c9da7894383c3bfed0855ecbce6c6e586/spring-retry
-2.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.apache.tomcat/tomcat-annotations
-api/10.1.16/4d9f537d2a349621b949485c54aa1e550febe273/tomcat-annotations-api
-10.1.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.apache.maven/maven-model/3.9.4/5b79d873cf6d13b3fc4020eac04e2a62ebbfa0aa/maven
-model-3.9.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.apache.maven/maven-repository
-metadata/3.9.4/ef368d45a2caa54634de221540994ca2d810c4c9/maven-repository-metadata
-3.9.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.codehaus.plexus/plexus
-utils/3.5.1/c6bfb17c97ecc8863e88778ea301be742c62b06d/plexus-utils
-3.5.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/com.google.guava/failureaccess/1.0.1/1dcf1de382a0bf95a3d8b0849546c88bac1292c9/fai
lureaccess-1.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-
guava/b421526c5f297295adef1c886e5246c39d4ac629/listenablefuture-9999.0-empty-to-avoid-
conflict-with-guava.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.checkerframework/checker-
qual/3.39.0/e752540aeccb620f23c1e2f15c4c707254f6f596/checker-qual-
3.39.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.errorprone/error_prone_annotations/2.22.0/bfb9e4281a4cea34f0ec85b3acd47
621cfab35b4/error_prone_annotations-
```

2.22.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.j2objc/j2objc-
annotations/2.8/c85270e307e7b822f1086b93689124b89768e273/j2objc-annotations-
2.8.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.cryptacular/cryptacular/1.2.4/4994c015d87886212683245d13e87f6fb903a760/cryptac
ular-1.2.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.bouncycastle/bcpkix-
jdk15on/1.64/3dac163e20110817d850d17e0444852a6d7d0bd7/bcpkix-jdk15on-
1.64.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.bouncycastle/bcprov-
jdk15on/1.64/1467dac1b787b5ad2a18201c0c281df69882259e/bcprov-jdk15on-
1.64.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.fasterxml.woodstox/woodstox-
core/6.5.1/c6e52e84fe959e69a243c83ec7d24cd889444ddf/woodstox-core-
6.5.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.zipkin.reporter2/zipkin-sender-
okhttp3/2.16.3/c98cff5bc2fa32914e613efc3cc95dde9906c01b/zipkin-sender-okhttp3-
2.16.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.zipkin.reporter2/zipkin-
reporter/2.16.3/7e43d8be3376d305c355d969e8b9f3a62221380/zipkin-reporter-
2.16.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.zipkin.zipkin2/zipkin/2.23.2/1c2c7f2e91a3749311f7f75d0535d14ba2e2f6/zipkin-
2.23.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.zipkin.aws/brave-
propagation-aws/0.23.5/94dafc941dac5a7bf686292d3a3aebd579dec45c/brave-propagation-aws-
0.23.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.zipkin.brave/brave-context-
slf4j/5.16.0/33aeb0a09847cdc5dfee08a297db76dcd389ba20/brave-context-slf4j-
5.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.zipkin.brave/brave-instrumentation-
http/5.16.0/eefd8c2969de5110a12e37d0a5e719869902cee8/brave-instrumentation-http-
5.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.zipkin.brave/brave/5.16.0/43b7ffb77b1e8b6db8dade125d9ed65369d00733/brave-
5.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.datastax.oss/native-
protocol/1.5.1/97e812373a5fe7667384e7ad67819d2c71878bf8/native-protocol-
1.5.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.datastax.oss/java-
driver-shaded-guava/25.1-jre-graal-sub-
1/522771d14d6b7dba67056a39db33f205ffbed6a4/java-driver-shaded-guava-25.1-jre-graal-
sub-1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.jaxb/txw2/4.0.4/cfd2bcf08782673ac370694fdf2cf76dbaa607ef/txw2-
4.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.sun.istack/istack-
commons-runtime/4.1.2/18ec117c85f3ba0ac65409136afa8e42bc74e739/istack-commons-runtime-
4.1.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.squareup.okhttp3/logging-
interceptor/4.12.0/e922c1f14d365c0f2bed140cc0825e18462c2778/logging-interceptor-
4.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opentelemetry/opentelemetry-exporter-sender-
okhttp/1.31.0/dd209381d58cfe81a989e29c9ca26d97c8dabd7a/opentelemetry-exporter-sender-
okhttp-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.squareup.retrofit2/converter-
moshi/2.9.0/db0979801926e6d39bc2478736145f9761c3e034/converter-moshi-

```
2.9.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.squareup.retrofit2/retrofit/2.9.0/d8fdfbd5da952141a665a403348b74538efc05ff/ret
rofit-2.9.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.squareup.okhttp3/okhttp/4.12.0/2f4525d4a200e97e1b87449c2cd9bd2e25b7e8cd/okhttp
-4.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/com.squareup.okio/okio-jvm/3.6.0/5600569133b7bdefe1daf9ec7f4abeb6d13e1786/okio
-jvm-3.6.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.jetbrains.kotlin/kotlin-stdlib
-jdk8/1.9.20/e2b4d1f475ae0606d063a84fce4dccdb45c7e12a/kotlin-stdlib-jdk8
-1.9.20.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.jetbrains.kotlin/kotlin-stdlib
-jdk7/1.9.20/8b4b73f4e08efaae93fc01d8c6eaab58a72d2ab3/kotlin-stdlib-jdk7
-1.9.20.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/org.jetbrains.kotlin/kotlin
-stdlib/1.9.20/e58b4816ac517e9cc5df1db051120c63d4cde669/kotlin-stdlib
-1.9.20.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.micrometer/micrometer
-commons/1.12.0/2436654d439bd4ff6aad6419519357be8ba4f0d/micrometer-commons
-1.12.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.netty/netty-codec
-http2/4.1.101.Final/40590da6c615b852384542051330e9fd51d4c4b1/netty-codec-http2
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-handler
-proxy/4.1.101.Final/c198ee61abba7ae6b3cb6b1033f04fb0ae79d512/netty-handler-proxy
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-codec
-http/4.1.101.Final/c648f863b301e3fc62d0de098ec61be7628b8ea2/netty-codec-http
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-resolver-dns-native
-macos/4.1.101.Final/645cbd6631dbd3cf9fdee7f9288e0dda0a2dc5a7/netty-resolver-dns
-native-macos-4.1.101.Final-osx-x86_64.jar:/tmp/build/ac5d84bf/gradle/caches/modules
-2/files-2.1/io.netty/netty-resolver-dns-classes
-macos/4.1.101.Final/218e9f59e1941282f2309570d338f54b05817212/netty-resolver-dns
-classes-macos-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-resolver
-dns/4.1.101.Final/d3f503d7554cf25edc6b83b9b4724b240c6e91d5/netty-resolver-dns
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty
-handler/4.1.101.Final/7800aea949bf95f63df73166d144e49405b279dd/netty-handler
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-transport-native
-epoll/4.1.101.Final/316a70d8a9c48bb1f1ff44c7c1d5e4c0c604a71c/netty-transport-native
-epoll-4.1.101.Final-linux-aarch_64.jar:/tmp/build/ac5d84bf/gradle/caches/modules
-2/files-2.1/io.netty/netty-transport-native
-epoll/4.1.101.Final/760f4aa3b9576f446d39b3886f4862d67428a1be/netty-transport-native
-epoll-4.1.101.Final-linux-x86_64.jar:/tmp/build/ac5d84bf/gradle/caches/modules
-2/files-2.1/io.netty/netty-transport-classes
-epoll/4.1.101.Final/f86303830ab65680e45cabb531e37078ecc6791e/netty-transport-classes
-epoll-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-transport-native
-kqueue/4.1.101.Final/9e94ca952f422e9330e30cc406ae31a6c547d51b/netty-transport-native
-kqueue-4.1.101.Final-osx-x86_64.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
```

```
-2.1/io.netty/netty-transport-classes
-kqueue/4.1.101.Final/a151e9831013efc0fd1375d21bd4075117cfb31/netty-transport-classes
-kqueue-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-codec
-socks/4.1.101.Final/cbaac9e2c2d7b86e4c1bda220cde49949c9bcaee/netty-codec-socks
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-codec
-dns/4.1.101.Final/24d0f4f2b0b0b55acc498d62f9c0921d0ea6da7b/netty-codec-dns
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-codec/4.1.101.Final/642523c57c4be15b8b461be7b1532262d193bbb3/netty
-codec-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-transport-native-unix
-common/4.1.101.Final/d0697ef1d71c6111a1b18a387fa985fd6398ace2/netty-transport-native
-unix-common-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty
-transport/4.1.101.Final/b36cc2337b4a4135df7ee2f2d77431c3b541dc5/netty-transport
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty
-buffer/4.1.101.Final/a4d94fd6cdf7a37b15237e32434afd6b955cc591/netty-buffer
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty
-resolver/4.1.101.Final/5e7eddfa4dfffcbd375d265d1fd08297df94f82f/netty-resolver
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty
-common/4.1.101.Final/bdb16e4d308b5757123decc886896815d1daf7a3/netty-common
-4.1.101.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.netty/netty-tcnative
-classes/2.0.61.Final/4c6ae851ed97921bc6c6b64e019c2b039f49131a/netty-tcnative-classes
-2.0.61.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-sdk-extension-autoconfigure
-spi/1.31.0/80acc40893fd00b56eee2acd145dbbd560173265/opentelemetry-sdk-extension
-autoconfigure-spi-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry
-sdk/1.31.0/2b2093be08a09ac536292bf6cecf8129cc7fb191/opentelemetry-sdk
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-sdk
-trace/1.31.0/a3941197cfb8ae9eb9e482073480c0c3918b746c/opentelemetry-sdk-trace
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-sdk
-metrics/1.31.0/47cc23762fae728d68e4fda1dfb71986ae0b8b3e/opentelemetry-sdk-metrics
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-sdk
-logs/1.31.0/a63a203d3dc6f8875f8c26b9e3b522dc9a3f6280/opentelemetry-sdk-logs
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-sdk
-common/1.31.0/f492528288236e097e12fc1c45963dd82c70d33c/opentelemetry-sdk-common
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-extension-trace
-propagators/1.31.0/2d1368025d524438e4d0cf0a98ad1c75f17adf4b/opentelemetry-extension
-trace-propagators-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-exporter-otlp
```

-common/1.31.0/d8c22b6851bbc3dbf5d2387b9bde158ed5416ba4/opentelemetry-exporter-otlp
-common-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-exporter
-common/1.31.0/b7b4baf5f9af72d5eb8a231dfb114ae31c57150d/opentelemetry-exporter-common
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry.instrumentation/opentelemetry-instrumentation
-api/1.31.0/9b5a5f1c99688c520f068cfb3306b89138005a2f/opentelemetry-instrumentation-api
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-extension-incubator/1.31.0
-alpha/6c9f5c063309d92b6dd28bff0667f54b63afd36f/opentelemetry-extension-incubator
-1.31.0-alpha.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry-api-events/1.31.0
-alpha/537183c5cd8fa7ebf520c0887c4ffb8a450913fe/opentelemetry-api-events-1.31.0
-alpha.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry
-api/1.31.0/bb24a44d73484c681c236aed84fe6c28d17f30e2/opentelemetry-api
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.opentelemetry/opentelemetry
-context/1.31.0/b8004737f7a970124e36ac71fde8eb88423e8cee/opentelemetry-context
-1.31.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files
-2.1/io.prometheus/simpleclient_common/0.16.0/a09a8c790a20309b942a9fdbfe77da22407096e6
/simpleclient_common-0.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.prometheus/simpleclient/0.16.0/28b0eaf7c500c506976da8d0fc9cad6c278e8d87/simplec
lient-0.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.prometheus/simpleclient_tracer_otel/0.16.0/cc3d2b7b7cb6f077e3b1ee1d3e99eb54fddf
a151/simpleclient_tracer_otel-0.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-
2/files-
2.1/io.prometheus/simpleclient_tracer_otel_agent/0.16.0/9d724771e339ff7ec6cd7c0cc170d3
470904c5/simpleclient_tracer_otel_agent-
0.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.prometheus/simpleclient_tracer_common/0.16.0/dec00ef7c6155c4ca1109ec8248f7ff58d
8f6cd3/simpleclient_tracer_common-
0.16.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework/spring-
jcl/6.1.1/69ebbf7bad707d34e81d00213c756bc6fcc31dd7/spring-jcl-
6.1.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.springframework.security/spring-security-
crypto/6.2.0/7cee6007ede44a19a3773912dbdac86ff53d0549/spring-security-crypto-
6.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.fusesource.hawtbuf/hawtbuf/1.11/8f0e50ad8bea37b84b698ec40cce09e47714a63e/hawtb
uf-1.11.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.typesafe/config/1.4.1/19058a07624a87f90d129af7cd9c68bee94535a9/config-
1.4.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.github.jnr/jnr-
posix/3.1.15/f7d6737adcbd5925d625b8f99166de2cbf13caac/jnr-posix-
3.1.15.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hdrhistogram/HdrHistogram/2.1.12/6eb7552156e0d517ae80cc2247be1427c8d90452/HdrH
istogram-2.1.12.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.nimbusds/nimbus-jose-
jwt/9.24.4/29a1f6a00a4daa3e1873f6bf4f16ddf4d6fd6d37/nimbus-jose-jwt-
9.24.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.github.stephenc.jcip/jcip-annotations/1.0-

1/ef31541dd28ae2cefdd17c7ebf352d93e9058c63/jcip-annotations-1.0-
1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.hibernate.common/hibernate-commons-
annotations/6.0.6.Final/77a5f94b56d49508e0ee334751db5b78e5ccd50c/hibernate-commons-
annotations-6.0.6.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.smallrye/jandex/3.1.2/a6c1c89925c7df06242b03dddb353116ceb9584c/jandex-
3.1.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.antlr/antlr4-
runtime/4.10.1/10839f875928f59c622d675091d51a43ea0dc5f7/antlr4-runtime-
4.10.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.msgpack/msgpack-
core/0.9.3/219f6fe7e9d4413a56bb1e819d4545282c85d700/msgpack-core-
0.9.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.json/json/20231013/e22e0c040fe16f04ffdb85d851d77b07fc05ea52/json-
20231013.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.github.luben/zstd-jni/1.5.5-1/fda1d6278299af27484e1cc3c79a060e41b7ef7e/zstd-
jni-1.5.5-1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.lz4/lz4-
java/1.8.0/4b986a99445e49ea5fbf5d149c4b63f6ed6c6780/lz4-java-
1.8.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.xerial.snappy/snappy-
java/1.1.10.4/50d0390056017158bdc75c063efd5c2a898d5f0c/snappy-java-
1.1.10.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.rocksdb/rocksdbjni/7.9.2/6409b667493149191b09fe1fce94bada6096a3e9/rocksdbjni-
7.9.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.commons/commons-
collections4/4.4/62ebe7544cb7164d87e0637a2a6a2bdc981395e8/commons-collections4-
4.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.mchange/mchange-
commons-java/0.2.19/7a4bee38ea02bd7dee776869b19fb3f6861d6acf/mchange-commons-java-
0.2.19.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.tomcat/tomcat-
juli/10.1.16/3d52f53549386971da2f8ad84d5cc3dcba72e9c7/tomcat-juli-
10.1.16.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.codehaus.plexus/plexus-
interpolation/1.26/25b919c664b79795ccde0ede5cee0fd68b544197/plexus-interpolation-
1.26.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.apache.maven/maven-
builder-support/3.9.4/671110e56110d5c89eda904f198719a2b5fa4a21/maven-builder-support-
3.9.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.eclipse.sisu/org.eclipse.sisu.inject/0.3.5/d4265dd4f0f1d7a06d80df5a5f475d5ff9c
17140/org.eclipse.sisu.inject-0.3.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-
2/files-2.1/org.codehaus.woodstox/stax2-
api/4.2.1/a3f7325c52240418c2ba257b103c3c550e140c83/stax2-api-
4.2.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.dynatrace.metric.util/dynatrace-metric-utils-
java/2.0.1/9089c3a42e389b2828a8729223785a136f76e222/dynatrace-metric-utils-java-
2.0.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/info.ganglia.gmetric4j/gmetric4j/1.0.10/3d62003123b586adb86cb028cc0f8a8c3a701d81/g
metric4j-1.0.10.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opentelemetry.proto/opentelemetry-proto/1.0.0-
alpha/aef3ea96207d6199d97f3cecd1674663894eade1/opentelemetry-proto-1.0.0-
alpha.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.signalfx.public/signalfx-
java/1.0.36/4c6f2fb43925429a0fe4ba02fa09cf59341a10f8/signalfx-java-
1.0.36.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-

2.1/aopalliance/aopalliance/1.0/235ba8b489512805ac13a8f9ea77a1ca5ebe3e8/aopalliance-
1.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.objenesis/objenesis/3.3/1049c09f1de4331e8193e579448d0916d75b7631/objenesis-
3.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.thoughtworks.qdox/qdox/2.0.3/d70143d2a58e7b16a8ec73a495508d43a085d83b/qdox-
2.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.jgroups/jgroups/5.3.0.Final/86a9b1a96a00f234a82d4b6800cb56ccf3702eec/jgroups-
5.3.0.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/commons-
beanutils/commons-beanutils/1.9.4/d52b9abcd97f38c81342bb7e7ae1eee9b73cba51/commons-
beanutils-1.9.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.latencyutils/LatencyUtils/2.0.3/769c0b82cb2421c8256300e907298a9410a2a3d3/Laten
cyUtils-2.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.github.jnr/jnr-ffi/2.2.11/bcf004ce358c87fc4cd2853b658d336348d0370f/jnr-ffi-
2.2.11.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.github.jnr/jnr-
constants/0.10.3/af19ec7359dd72cbc7869c00bf7cdfa4c308e985/jnr-constants-
0.10.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.squareup.moshi/moshi/1.8.0/752e7b187599d3ccb174d00ba7235e29add736be/moshi-
1.8.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opencensus/opencensus-
api/0.31.1/66a60c7201c2b8b20ce495f0295b32bb0ccbbc57/opencensus-api-
0.31.1.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
context/1.59.0/44f8a2b2c0dfb15b4f112e22de76d837b89bd4d6/grpc-context-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
api/1.59.0/52da76c0c8190be88281aec828efd44df176ab34/grpc-api-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
stub/1.59.0/e7eab15d6b4184921b82fbca6f89dcb60ea972e/grpc-stub-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
protobuf/1.59.0/2977cca2c82e3c5336805ebb6226c14137585b54/grpc-protobuf-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
protobuf-lite/1.59.0/1d2d1a5ed9cfc58d0a7bdc1d9dda5ecb9987da9a/grpc-protobuf-lite-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.google.api/api-
common/2.20.0/ca773f9985c9f4104d76028629026c69c641923c/api-common-
2.20.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.auto.value/auto-value-
annotations/1.10.4/9679de8286eb0a151db6538ba297a8951c4a1224/auto-value-annotations-
1.10.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.protobuf/protobuf-
java/3.24.4/a773e5a3845e6baa5c4ede5532c426ebe6c53330/protobuf-java-
3.24.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.api.grpc/proto-google-common-
protos/2.28.0/60164baf43273401883c7c0b53b0bc4359b9e94f/proto-google-common-protos-
2.28.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.api/gax/2.37.0/a41a8b5641dad26c7601ea93818611b4a6465058/gax-
2.37.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.auth/google-auth-library-
credentials/1.20.0/bc23b2c7e6419d3cd7e108d6942b9431bf5c25c/google-auth-library-
credentials-1.20.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.api/gax-grpc/2.37.0/5ede807d3bcdace2e25d5614382bfdf1663012e5/gax-grpc-
2.37.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
inprocess/1.59.0/85289261815e7d2fb1472981652fce50ae8cfc42/grpc-inprocess-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-

core/1.59.0/aaf681a518ce5c9a048328b86ba5b9c5123375aa/grpc-core-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.android/annotations/4.1.1.4/a1678ba907bf92691d879fef34e1a187038f9259/an
notations-4.1.1.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.codehaus.mojo/animal-sniffer-
annotations/1.23/3c0daebd5f0e1ce72cc50c818321ac957aeb5d70/animal-sniffer-annotations-
1.23.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
util/1.59.0/362e2295d95b2e2797457760eef1f172d07d7417/grpc-util-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
alts/1.59.0/bb4eda2c61102759e7c03ab12ff7c19547e20cbd/grpc-alts-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
grpclb/1.59.0/60de19e6c8e44b1a78acb0dd73722b2feaa7ccfe/grpc-grpclb-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.protobuf/protobuf-java-
util/3.24.4/f90394c695d47b16f608be5366373eec768597f1/protobuf-java-util-
3.24.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.conscrypt/conscrypt-openjdk-
uber/2.5.2/d858f142ea189c62771c505a6548d8606ac098fe/conscrypt-openjdk-uber-
2.5.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
auth/1.59.0/878e2200222f5e11137d5bfde325a5db30687592/grpc-auth-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-netty-
shaded/1.59.0/71b610fca525744bc70eb96c9f9113cddbc38f4f/grpc-netty-shaded-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.perfmark/perfmark-
api/0.26.0/ef65452adaf20bf7d12ef55913aba24037b82738/perfmark-api-
0.26.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
googleapis/1.59.0/532fd1449686690273222ebd5cb86c233ed19f58/grpc-googleapis-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
xds/1.59.0/c067143934cb76530adbb8fd4e2df1ab737a16e0/grpc-xds-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/io.opencensus/opencensus-
proto/0.2.0/c05b6b32b69d5d9144087ea0ebc6fab183fb9151/opencensus-proto-
0.2.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/io.grpc/grpc-
services/1.59.0/2f16015ed9e2689e10f86f1b7c3522e541c0c75/grpc-services-
1.59.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.google.re2j/re2j/1.7/2949632c1b4acce0d7784f28e3152e9cf3c2ec7a/re2j-
1.7.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.threeten/threetenbp/1.6.8/4c65b7b43f3fe31350f74cb7d0b2461e111e8dd0/threetenbp-
1.6.8.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.wildfly.common/wildfly-
common/1.5.4.Final/735ceee5616d5143bac1bc740e444697073c002f/wildfly-common-
1.5.4.Final.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.jctools/jctools-core/2.1.2/8ec46a6a26e7c1c7e57e2590a043238ffc462144/jctools-
core-2.1.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/commons-
collections/commons-
collections/3.2.2/8ad72fe39fa8c91eaaf12aadb21e0c3661fe26d5/commons-collections-
3.2.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.apache.activemq/activemq-artemis-
native/2.0.0/a1bdd3cea7822f3b90063456b0c9928702076bd1/activemq-artemis-native-
2.0.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/net.minidev/accessors-
smart/2.5.0/aca011492dfe9c26f4e0659028a4fe0970829dd8/accessors-smart-
2.5.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-

2.1/org.glassfish.hk2/osgi-resource-
locator/1.0.3/de3b21279df7e755e38275137539be5e2c80dd58/osgi-resource-locator-
1.0.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.hk2/class-
model/3.0.4/57f07924bcb9196afc7f5050a742b2a0f8b6dd2f/class-model-
3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.javassist/javassist/3.29.2-
GA/6c32028609e5dd4a1b78e10fbcd122b09b3928b1/javassist-3.29.2-
GA.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.opentest4j/opentest4j/1.3.0/152ea56b3a72f655d4fd677fc0ef2596c3dd5e6e/opentest4
j-1.3.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.acplt.remotetea/remotetea-
oncrpc/1.1.2/705c490ad22ff4627389853439f9decf5ee69be/remotetea-oncrpc-
1.1.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.tdunning/t-
digest/3.2/2ab94758b0276a8a26102adf8d528cf6d0567b9a/t-digest-
3.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.atteo/evo-
inflector/1.3/4cf8b5f363c60e63f8b7688ac053590460f2768e/evo-inflector-
1.3.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.github.jnr/jffi/1.3.9/b776ea131fa693af2c943368b52acf94131cbd7/jffi-
1.3.9.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/com.github.jnr/jffi/1.3.9/163d683f80c06911f3e770c723d6e399e4c59448/jffi-1.3.9-
native.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.ow2.asm/asm-
commons/9.5/19ab5b5800a3910d30d3a3e64fdb00fd0cb42de0/asm-commons-
9.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.ow2.asm/asm-
util/9.5/64b5a1fc8c1b15ed2efd6a063e976bc8d3dc5ffe/asm-util-
9.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.ow2.asm/asm-
analysis/9.5/490bacc77de7cbc0be1a30bb3471072d705be4a4/asm-analysis-
9.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/org.ow2.asm/asm-
tree/9.5/fd33c8b6373abaa675be407082fdfda35021254a/asm-tree-
9.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.ow2.asm/asm/9.5/dc6ea1875f4d64fbc85e1691c95b96a3d8569c90/asm-
9.5.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.github.jnr/jnr-
a64asm/1.0.0/a1cb8dbe71b5a6a0288043c3ba3ca64545be165/jnr-a64asm-
1.0.0.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-2.1/com.github.jnr/jnr-
x86asm/1.0.2/6936bbd6c5b235665d87bd450f5e13b52d4b48/jnr-x86asm-
1.0.2.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.glassfish.hk2.external/aopalliance-
repackaged/3.0.4/b1d38a6e64c50f501503d7c4297445a346583870/aopalliance-repackaged-
3.0.4.jar:/tmp/build/ac5d84bf/gradle/caches/modules-2/files-
2.1/org.jetbrains/annotations/13.0/919f0dfe192fb4e063e7dacadee7f8bb9a2672a9/annotation
s-13.0.jar"
      },
      "java.vm.vendor" : {
        "value" : "BellSoft"
      }
    }
  }, {
    "name" : "systemEnvironment",
    "properties" : {
      "JAVA_HOME" : {
        "value" : "/opt/openjdk",

```
          "origin" : "System Environment Property \"JAVA_HOME\""
        }
      }
    }, {
      "name" : "Config resource 'class path resource [application.properties]' via
location 'classpath:/'",
      "properties" : {
        "com.example.cache.max-size" : {
          "value" : "1000",
          "origin" : "class path resource [application.properties] - 1:29"
        }
      }
    }, {
      "name" : "logCorrelation",
      "properties" : { }
    } ]
}
```

> **ℹ** Sanitization of sensitive values has been switched off for this example.

7.1.1. Response Structure

The response contains details of the application's `Environment`. The following table describes the structure of the response:

Path	Type	Description
`activeProfiles`	`Array`	Names of the active profiles, if any.
`propertySources`	`Array`	Property sources in order of precedence.
`propertySources.[].name`	`String`	Name of the property source.
`propertySources.[].properties`	`Object`	Properties in the property source keyed by property name.
`propertySources.[].properties.*.value`	`String`	Value of the property.
`propertySources.[].properties.*.origin`	`String`	Origin of the property, if any.

7.2. Retrieving a Single Property

To retrieve a single property, make a `GET` request to `/actuator/env/{property.name}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/env/com.example.cache.max-size' -i -X GET
```

The preceding example retrieves information about the property named `com.example.cache.max-size`. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Disposition: inline;filename=f.txt
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 481

{"property":{"source":"Config resource 'class path resource [application.properties]'
via location
'classpath:/'","value":"1000"},"activeProfiles":[],"propertySources":[{"name":"servlet
ContextInitParams"},{"name":"systemProperties"},{"name":"systemEnvironment"},{"name":"
Config resource 'class path resource [application.properties]' via location
'classpath:/'","property":{"value":"1000","origin":"class path resource
[application.properties] - 1:29"}},{"name":"logCorrelation"}]}
```

> ℹ Sanitization of sensitive values has been switched off for this example.

7.2.1. Response Structure

The response contains details of the requested property. The following table describes the structure
of the response:

Path	Type	Description
property	Object	Property from the environment, if found.
property.source	String	Name of the source of the property.
property.value	String	Value of the property.
activeProfiles	Array	Names of the active profiles, if any.
propertySources	Array	Property sources in order of precedence.
propertySources.[].name	String	Name of the property source.
propertySources.[].property	Object	Property in the property source, if any.
propertySources.[].property.value	Varies	Value of the property.
propertySources.[].property.origin	String	Origin of the property, if any.

Chapter 8. Flyway (`flyway`)

The `flyway` endpoint provides information about database migrations performed by Flyway.

8.1. Retrieving the Migrations

To retrieve the migrations, make a `GET` request to `/actuator/flyway`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/flyway' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 515

{
  "contexts" : {
    "application" : {
      "flywayBeans" : {
        "flyway" : {
          "migrations" : [ {
            "type" : "SQL",
            "checksum" : -156244537,
            "version" : "1",
            "description" : "init",
            "script" : "V1__init.sql",
            "state" : "SUCCESS",
            "installedBy" : "SA",
            "installedOn" : "2023-11-23T13:34:58.591Z",
            "installedRank" : 1,
            "executionTime" : 3
          } ]
        }
      }
    }
  }
}
```

8.1.1. Response Structure

The response contains details of the application's Flyway migrations. The following table describes the structure of the response:

Path	Type	Description
`contexts`	`Object`	Application contexts keyed by id
`contexts.*.flywayBeans.*.migrations`	`Array`	Migrations performed by the Flyway instance, keyed by Flyway bean name.
`contexts.*.flywayBeans.*.migrations.[].checksum`	`Number`	Checksum of the migration, if any.
`contexts.*.flywayBeans.*.migrations.[].description`	`String`	Description of the migration, if any.
`contexts.*.flywayBeans.*.migrations.[].executionTime`	`Number`	Execution time in milliseconds of an applied migration.
`contexts.*.flywayBeans.*.migrations.[].installedBy`	`String`	User that installed the applied migration, if any.
`contexts.*.flywayBeans.*.migrations.[].installedOn`	`String`	Timestamp of when the applied migration was installed, if any.
`contexts.*.flywayBeans.*.migrations.[].installedRank`	`Number`	Rank of the applied migration, if any. Later migrations have higher ranks.
`contexts.*.flywayBeans.*.migrations.[].script`	`String`	Name of the script used to execute the migration, if any.
`contexts.*.flywayBeans.*.migrations.[].state`	`String`	State of the migration. (`PENDING`, `ABOVE_TARGET`, `BELOW_BASELINE`, `BASELINE_IGNORED`, `BASELINE`, `IGNORED`, `MISSING_SUCCESS`, `MISSING_FAILED`, `SUCCESS`, `UNDONE`, `AVAILABLE`, `FAILED`, `OUT_OF_ORDER`, `FUTURE_SUCCESS`, `FUTURE_FAILED`, `OUTDATED`, `SUPERSEDED`, `DELETED`)
`contexts.*.flywayBeans.*.migrations.[].type`	`String`	Type of the migration.
`contexts.*.flywayBeans.*.migrations.[].version`	`String`	Version of the database after applying the migration, if any.
`contexts.*.parentId`	`String`	Id of the parent application context, if any.

Chapter 9. Health (`health`)

The `health` endpoint provides detailed information about the health of the application.

9.1. Retrieving the Health of the Application

To retrieve the health of the application, make a `GET` request to `/actuator/health`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/health' -i -X GET \
    -H 'Accept: application/json'
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 816

{
  "status" : "UP",
  "components" : {
    "broker" : {
      "status" : "UP",
      "components" : {
        "us1" : {
          "status" : "UP",
          "details" : {
            "version" : "1.0.2"
          }
        },
        "us2" : {
          "status" : "UP",
          "details" : {
            "version" : "1.0.4"
          }
        }
      }
    },
    "db" : {
      "status" : "UP",
      "details" : {
        "database" : "H2",
        "validationQuery" : "isValid()"
      }
    },
    "diskSpace" : {
      "status" : "UP",
      "details" : {
        "total" : 536797888512,
        "free" : 418321698816,
        "threshold" : 10485760,
        "path" : "/tmp/build/ac5d84bf/stage-git-repo/spring-boot-project/spring-boot-
actuator-autoconfigure/.",
        "exists" : true
      }
    }
  }
}
```

9.1.1. Response Structure

The response contains details of the health of the application. The following table describes the
structure of the response:

Path	Type	Description
`status`	`String`	Overall status of the application.
`components`	`Object`	The components that make up the health.
`components.*.status`	`String`	Status of a specific part of the application.
`components.*.components`	`Object`	The nested components that make up the health.
`components.*.details`	`Object`	Details of the health of a specific part of the application. Presence is controlled by `management.endpoint.health.show-details`.

> ℹ️ The response fields above are for the V3 API. If you need to return V2 JSON you should use an accept header or `application/vnd.spring-boot.actuator.v2+json`

9.2. Retrieving the Health of a Component

To retrieve the health of a particular component of the application's health, make a `GET` request to `/actuator/health/{component}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/health/db' -i -X GET \
    -H 'Accept: application/json'
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 101

{
  "status" : "UP",
  "details" : {
    "database" : "H2",
    "validationQuery" : "isValid()"
  }
}
```

9.2.1. Response Structure

The response contains details of the health of a particular component of the application's health. The following table describes the structure of the response:

Path	Type	Description
`status`	`String`	Status of a specific part of the application
`details`	`Object`	Details of the health of a specific part of the application.

9.3. Retrieving the Health of a Nested Component

If a particular component contains other nested components (as the `broker` indicator in the example above), the health of such a nested component can be retrieved by issuing a `GET` request to `/actuator/health/{component}/{subcomponent}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/health/broker/us1' -i -X GET \
    -H 'Accept: application/json'
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 66

{
  "status" : "UP",
  "details" : {
    "version" : "1.0.2"
  }
}
```

Components of an application's health may be nested arbitrarily deep depending on the application's health indicators and how they have been grouped. The health endpoint supports any number of `/{component}` identifiers in the URL to allow the health of a component at any depth to be retrieved.

9.3.1. Response Structure

The response contains details of the health of an instance of a particular component of the application. The following table describes the structure of the response:

Path	Type	Description
status	String	Status of a specific part of the application
details	Object	Details of the health of a specific part of the application.

Chapter 10. Heap Dump (heapdump)

The heapdump endpoint provides a heap dump from the application's JVM.

10.1. Retrieving the Heap Dump

To retrieve the heap dump, make a GET request to /actuator/heapdump. The response is binary data and can be large. Its format depends upon the JVM on which the application is running. When running on a HotSpot JVM the format is HPROF and on OpenJ9 it is PHD. Typically, you should save the response to disk for subsequent analysis. When using curl, this can be achieved by using the -O option, as shown in the following example:

```
$ curl 'http://localhost:8080/actuator/heapdump' -O
```

The preceding example results in a file named heapdump being written to the current working directory.

Chapter 11. HTTP Exchanges (`httpexchanges`)

The `httpexchanges` endpoint provides information about HTTP request-response exchanges.

11.1. Retrieving the HTTP Exchanges

To retrieve the HTTP exchanges, make a `GET` request to `/actuator/httpexchanges`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/httpexchanges' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 511

{
  "exchanges" : [ {
    "timestamp" : "2022-12-22T13:43:41Z",
    "request" : {
      "uri" : "https://api.example.com",
      "method" : "GET",
      "headers" : {
        "Accept" : [ "application/json" ]
      }
    },
    "response" : {
      "status" : 200,
      "headers" : {
        "Content-Type" : [ "application/json" ]
      }
    },
    "principal" : {
      "name" : "alice"
    },
    "session" : {
      "id" : "9869aa20-5d68-4ef0-94c7-e925b15a9fcd"
    },
    "timeTaken" : "PT0.023S"
  } ]
}
```

11.1.1. Response Structure

The response contains details of the traced HTTP request-response exchanges. The following table describes the structure of the response:

Path	Type	Description
`exchanges`	`Array`	An array of HTTP request-response exchanges.
`exchanges.[].timestamp`	`String`	Timestamp of when the exchange occurred.
`exchanges.[].principal`	`Object`	Principal of the exchange, if any.
`exchanges.[].principal.name`	`String`	Name of the principal.
`exchanges.[].request.method`	`String`	HTTP method of the request.
`exchanges.[].request.remoteAddress`	`String`	Remote address from which the request was received, if known.
`exchanges.[].request.uri`	`String`	URI of the request.
`exchanges.[].request.headers`	`Object`	Headers of the request, keyed by header name.
`exchanges.[].request.headers.*.[]`	`Array`	Values of the header
`exchanges.[].response.status`	`Number`	Status of the response
`exchanges.[].response.headers`	`Object`	Headers of the response, keyed by header name.
`exchanges.[].response.headers.*.[]`	`Array`	Values of the header
`exchanges.[].session`	`Object`	Session associated with the exchange, if any.
`exchanges.[].session.id`	`String`	ID of the session.
`exchanges.[].timeTaken`	`String`	Time taken to handle the exchange.

Chapter 12. Info (`info`)

The `info` endpoint provides general information about the application.

12.1. Retrieving the Info

To retrieve the information about the application, make a `GET` request to `/actuator/info`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/info' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 231

{
  "git" : {
    "branch" : "main",
    "commit" : {
      "id" : "df027cf",
      "time" : "2023-11-23T13:35:00Z"
    }
  },
  "build" : {
    "artifact" : "application",
    "version" : "1.0.3",
    "group" : "com.example"
  }
}
```

12.1.1. Response Structure

The response contains general information about the application. Each section of the response is contributed by an `InfoContributor`. Spring Boot provides several contributors that are described below.

Build Response Structure

The following table describe the structure of the `build` section of the response:

Path	Type	Description
`artifact`	`String`	Artifact ID of the application, if any.
`group`	`String`	Group ID of the application, if any.

Path	Type	Description
name	String	Name of the application, if any.
version	String	Version of the application, if any.
time	Varies	Timestamp of when the application was built, if any.

Git Response Structure

The following table describes the structure of the `git` section of the response:

Path	Type	Description
branch	String	Name of the Git branch, if any.
commit	Object	Details of the Git commit, if any.
commit.time	Varies	Timestamp of the commit, if any.
commit.id	String	ID of the commit, if any.

> ℹ️ This is the "simple" output. The contributor can also be configured to output all available data.

Chapter 13. Spring Integration graph (`integrationgraph`)

The `integrationgraph` endpoint exposes a graph containing all Spring Integration components.

13.1. Retrieving the Spring Integration Graph

To retrieve the information about the application, make a `GET` request to `/actuator/integrationgraph`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/integrationgraph' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 1033

{
  "contentDescriptor" : {
    "providerVersion" : "6.2.0",
    "providerFormatVersion" : 1.2,
    "provider" : "spring-integration"
  },
  "nodes" : [ {
    "nodeId" : 1,
    "componentType" : "null-channel",
    "integrationPatternType" : "null_channel",
    "integrationPatternCategory" : "messaging_channel",
    "properties" : { },
    "name" : "nullChannel",
    "observed" : false
  }, {
    "nodeId" : 2,
    "componentType" : "publish-subscribe-channel",
    "integrationPatternType" : "publish_subscribe_channel",
    "integrationPatternCategory" : "messaging_channel",
    "properties" : { },
    "name" : "errorChannel",
    "observed" : false
  }, {
    "nodeId" : 3,
    "componentType" : "logging-channel-adapter",
    "integrationPatternType" : "outbound_channel_adapter",
    "integrationPatternCategory" : "messaging_endpoint",
    "properties" : { },
    "input" : "errorChannel",
    "name" : "errorLogger",
    "observed" : false
  } ],
  "links" : [ {
    "from" : 2,
    "to" : 3,
    "type" : "input"
  } ]
}
```

13.1.1. Response Structure

The response contains all Spring Integration components used within the application, as well as the links between them. More information about the structure can be found in the reference documentation.

13.2. Rebuilding the Spring Integration Graph

To rebuild the exposed graph, make a POST request to /actuator/integrationgraph, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/integrationgraph' -i -X POST
```

This will result in a 204 - No Content response:

```
HTTP/1.1 204 No Content
```

Chapter 14. Liquibase (`liquibase`)

The `liquibase` endpoint provides information about database change sets applied by Liquibase.

14.1. Retrieving the Changes

To retrieve the changes, make a `GET` request to `/actuator/liquibase`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/liquibase' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 677

{
  "contexts" : {
    "application" : {
      "liquibaseBeans" : {
        "liquibase" : {
          "changeSets" : [ {
            "author" : "marceloverdijk",
            "changeLog" : "db/changelog/db.changelog-master.yaml",
            "comments" : "",
            "contexts" : [ ],
            "dateExecuted" : "2023-11-23T13:35:02.684Z",
            "deploymentId" : "0746502628",
            "description" : "createTable tableName=customer",
            "execType" : "EXECUTED",
            "id" : "1",
            "labels" : [ ],
            "checksum" : "9:d3589feb2baad02e15540750499ba311",
            "orderExecuted" : 1
          } ]
        }
      }
    }
  }
}
```

14.1.1. Response Structure

The response contains details of the application's Liquibase change sets. The following table describes the structure of the response:

Path	Type	Description
`contexts`	`Object`	Application contexts keyed by id
`contexts.*.liquibaseBeans.*.changeSets`	`Array`	Change sets made by the Liquibase beans, keyed by bean name.
`contexts.*.liquibaseBeans.*.changeSets[].author`	`String`	Author of the change set.
`contexts.*.liquibaseBeans.*.changeSets[].changeLog`	`String`	Change log that contains the change set.
`contexts.*.liquibaseBeans.*.changeSets[].comments`	`String`	Comments on the change set.
`contexts.*.liquibaseBeans.*.changeSets[].contexts`	`Array`	Contexts of the change set.
`contexts.*.liquibaseBeans.*.changeSets[].dateExecuted`	`String`	Timestamp of when the change set was executed.
`contexts.*.liquibaseBeans.*.changeSets[].deploymentId`	`String`	ID of the deployment that ran the change set.
`contexts.*.liquibaseBeans.*.changeSets[].description`	`String`	Description of the change set.
`contexts.*.liquibaseBeans.*.changeSets[].execType`	`String`	Execution type of the change set (`EXECUTED`, `FAILED`, `SKIPPED`, `RERAN`, `MARK_RAN`).
`contexts.*.liquibaseBeans.*.changeSets[].id`	`String`	ID of the change set.
`contexts.*.liquibaseBeans.*.changeSets[].labels`	`Array`	Labels associated with the change set.
`contexts.*.liquibaseBeans.*.changeSets[].checksum`	`String`	Checksum of the change set.
`contexts.*.liquibaseBeans.*.changeSets[].orderExecuted`	`Number`	Order of the execution of the change set.
`contexts.*.liquibaseBeans.*.changeSets[].tag`	`String`	Tag associated with the change set, if any.
`contexts.*.parentId`	`String`	Id of the parent application context, if any.

Chapter 15. Log File (`logfile`)

The `logfile` endpoint provides access to the contents of the application's log file.

15.1. Retrieving the Log File

To retrieve the log file, make a `GET` request to `/actuator/logfile`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/logfile' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Accept-Ranges: bytes
Content-Type: text/plain;charset=UTF-8
Content-Length: 4707

  .   ____          _            __ _ _
 /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::

2017-08-08 17:12:30.910  INFO 19866 --- [           main]
s.f.SampleWebFreeMarkerApplication       : Starting SampleWebFreeMarkerApplication
with PID 19866
2017-08-08 17:12:30.913  INFO 19866 --- [           main]
s.f.SampleWebFreeMarkerApplication       : No active profile set, falling back to
default profiles: default
2017-08-08 17:12:30.952  INFO 19866 --- [           main]
ConfigServletWebServerApplicationContext : Refreshing
org.springframework.boot.web.servlet.context.AnnotationConfigServletWebServerApplicati
onContext@76b10754: startup date [Tue Aug 08 17:12:30 BST 2017]; root of context
hierarchy
2017-08-08 17:12:31.878  INFO 19866 --- [           main]
o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port 8080 (http)
2017-08-08 17:12:31.889  INFO 19866 --- [           main]
o.apache.catalina.core.StandardService   : Starting service [Tomcat]
2017-08-08 17:12:31.890  INFO 19866 --- [           main]
org.apache.catalina.core.StandardEngine  : Starting Servlet Engine: Apache
Tomcat/8.5.16
2017-08-08 17:12:31.978  INFO 19866 --- [ost-startStop-1]
o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded
WebApplicationContext
2017-08-08 17:12:31.978  INFO 19866 --- [ost-startStop-1]
```

```
o.s.web.context.ContextLoader           : Root WebApplicationContext: initialization
completed in 1028 ms
2017-08-08 17:12:32.080  INFO 19866 --- [ost-startStop-1]
o.s.b.w.servlet.ServletRegistrationBean : Mapping servlet: 'dispatcherServlet' to [/]
2017-08-08 17:12:32.084  INFO 19866 --- [ost-startStop-1]
o.s.b.w.servlet.FilterRegistrationBean   : Mapping filter: 'characterEncodingFilter'
to: [/*]
2017-08-08 17:12:32.084  INFO 19866 --- [ost-startStop-1]
o.s.b.w.servlet.FilterRegistrationBean   : Mapping filter: 'hiddenHttpMethodFilter'
to: [/*]
2017-08-08 17:12:32.084  INFO 19866 --- [ost-startStop-1]
o.s.b.w.servlet.FilterRegistrationBean   : Mapping filter: 'httpPutFormContentFilter'
to: [/*]
2017-08-08 17:12:32.084  INFO 19866 --- [ost-startStop-1]
o.s.b.w.servlet.FilterRegistrationBean   : Mapping filter: 'requestContextFilter' to:
[/*]
2017-08-08 17:12:32.349  INFO 19866 --- [           main]
s.w.s.m.m.a.RequestMappingHandlerAdapter : Looking for @ControllerAdvice:
org.springframework.boot.web.servlet.context.AnnotationConfigServletWebServerApplicati
onContext@76b10754: startup date [Tue Aug 08 17:12:30 BST 2017]; root of context
hierarchy
2017-08-08 17:12:32.420  INFO 19866 --- [           main]
s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/error]}" onto public
org.springframework.http.ResponseEntity<java.util.Map<java.lang.String,
java.lang.Object>>
org.springframework.boot.autoconfigure.web.servlet.error.BasicErrorController.error(ja
karta.servlet.http.HttpServletRequest)
2017-08-08 17:12:32.421  INFO 19866 --- [           main]
s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/error],produces=[text/html]}"
onto public org.springframework.web.servlet.ModelAndView
org.springframework.boot.autoconfigure.web.servlet.error.BasicErrorController.errorHtm
l(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.HttpServletResponse)
2017-08-08 17:12:32.444  INFO 19866 --- [           main]
o.s.w.s.handler.SimpleUrlHandlerMapping  : Mapped URL path [/webjars/**] onto handler
of type [class org.springframework.web.servlet.resource.ResourceHttpRequestHandler]
2017-08-08 17:12:32.444  INFO 19866 --- [           main]
o.s.w.s.handler.SimpleUrlHandlerMapping  : Mapped URL path [/**] onto handler of type
[class org.springframework.web.servlet.resource.ResourceHttpRequestHandler]
2017-08-08 17:12:32.471  INFO 19866 --- [           main]
o.s.w.s.handler.SimpleUrlHandlerMapping  : Mapped URL path [/**/favicon.ico] onto
handler of type [class
org.springframework.web.servlet.resource.ResourceHttpRequestHandler]
2017-08-08 17:12:32.600  INFO 19866 --- [           main]
o.s.w.s.v.f.FreeMarkerConfigurer         : ClassTemplateLoader for Spring macros added
to FreeMarker configuration
2017-08-08 17:12:32.681  INFO 19866 --- [           main]
o.s.j.e.a.AnnotationMBeanExporter        : Registering beans for JMX exposure on
startup
2017-08-08 17:12:32.744  INFO 19866 --- [           main]
o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port 8080 (http)
2017-08-08 17:12:32.750  INFO 19866 --- [           main]
```

```
s.f.SampleWebFreeMarkerApplication     : Started SampleWebFreeMarkerApplication in
2.172 seconds (JVM running for 2.479)
```

15.2. Retrieving Part of the Log File

ℹ️ Retrieving part of the log file is not supported when using Jersey.

To retrieve part of the log file, make a `GET` request to `/actuator/logfile` by using the `Range` header, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/logfile' -i -X GET \
    -H 'Range: bytes=0-1023'
```

The preceding example retrieves the first 1024 bytes of the log file. The resulting response is similar to the following:

```
HTTP/1.1 206 Partial Content
Accept-Ranges: bytes
Content-Type: text/plain;charset=UTF-8
Content-Range: bytes 0-1023/4707
Content-Length: 1024


  .   ____          _            __ _ _
 /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::

2017-08-08 17:12:30.910  INFO 19866 --- [           main]
s.f.SampleWebFreeMarkerApplication     : Starting SampleWebFreeMarkerApplication
with PID 19866
2017-08-08 17:12:30.913  INFO 19866 --- [           main]
s.f.SampleWebFreeMarkerApplication     : No active profile set, falling back to
default profiles: default
2017-08-08 17:12:30.952  INFO 19866 --- [           main]
ConfigServletWebServerApplicationContext : Refreshing
org.springframework.boot.web.servlet.context.AnnotationConfigServletWebServerApplicati
onContext@76b10754: startup date [Tue Aug 08 17:12:30 BST 2017]; root of context
hierarchy
2017-08-08 17:12:31.878  INFO 19866 --- [           main]
o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port 8080 (http)
20
```

Chapter 16. Loggers (`loggers`)

The `loggers` endpoint provides access to the application's loggers and the configuration of their levels.

16.1. Retrieving All Loggers

To retrieve the application's loggers, make a `GET` request to `/actuator/loggers`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/loggers' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 791

{
  "levels" : [ "OFF", "FATAL", "ERROR", "WARN", "INFO", "DEBUG", "TRACE" ],
  "loggers" : {
    "ROOT" : {
      "configuredLevel" : "INFO",
      "effectiveLevel" : "INFO"
    },
    "com.example" : {
      "configuredLevel" : "DEBUG",
      "effectiveLevel" : "DEBUG"
    }
  },
  "groups" : {
    "test" : {
      "configuredLevel" : "INFO",
      "members" : [ "test.member1", "test.member2" ]
    },
    "web" : {
      "members" : [ "org.springframework.core.codec", "org.springframework.http",
"org.springframework.web", "org.springframework.boot.actuate.endpoint.web",
"org.springframework.boot.web.servlet.ServletContextInitializerBeans" ]
    },
    "sql" : {
      "members" : [ "org.springframework.jdbc.core", "org.hibernate.SQL",
"org.jooq.tools.LoggerListener" ]
    }
  }
}
```

16.1.1. Response Structure

The response contains details of the application's loggers. The following table describes the structure of the response:

Path	Type	Description
`levels`	`Array`	Levels support by the logging system.
`loggers`	`Object`	Loggers keyed by name.
`groups`	`Object`	Logger groups keyed by name
`loggers.*.configuredLevel`	`String`	Configured level of the logger, if any.
`loggers.*.effectiveLevel`	`String`	Effective level of the logger.
`groups.*.configuredLevel`	`String`	Configured level of the logger group, if any.
`groups.*.members`	`Array`	Loggers that are part of this group

16.2. Retrieving a Single Logger

To retrieve a single logger, make a `GET` request to `/actuator/loggers/{logger.name}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/loggers/com.example' -i -X GET
```

The preceding example retrieves information about the logger named `com.example`. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Disposition: inline;filename=f.txt
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 61

{
  "configuredLevel" : "INFO",
  "effectiveLevel" : "INFO"
}
```

16.2.1. Response Structure

The response contains details of the requested logger. The following table describes the structure of the response:

Path	Type	Description
`configuredLevel`	`String`	Configured level of the logger, if any.

Path	Type	Description
effectiveLevel	String	Effective level of the logger.

16.3. Retrieving a Single Group

To retrieve a single group, make a GET request to /actuator/loggers/{group.name}, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/loggers/test' -i -X GET
```

The preceding example retrieves information about the logger group named test. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 82

{
  "configuredLevel" : "INFO",
  "members" : [ "test.member1", "test.member2" ]
}
```

16.3.1. Response Structure

The response contains details of the requested group. The following table describes the structure of the response:

Path	Type	Description
configuredLevel	String	Configured level of the logger group, if any.
members	Array	Loggers that are part of this group

16.4. Setting a Log Level

To set the level of a logger, make a POST request to /actuator/loggers/{logger.name} with a JSON body that specifies the configured level for the logger, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/loggers/com.example' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{"configuredLevel":"debug"}'
```

The preceding example sets the configuredLevel of the com.example logger to DEBUG.

16.4.1. Request Structure

The request specifies the desired level of the logger. The following table describes the structure of the request:

Path	Type	Description
configuredLevel	String	Level for the logger. May be omitted to clear the level.

16.5. Setting a Log Level for a Group

To set the level of a logger, make a POST request to /actuator/loggers/{group.name} with a JSON body that specifies the configured level for the logger group, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/loggers/test' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{"configuredLevel":"debug"}'
```

The preceding example sets the configuredLevel of the test logger group to DEBUG.

16.5.1. Request Structure

The request specifies the desired level of the logger group. The following table describes the structure of the request:

Path	Type	Description
configuredLevel	String	Level for the logger. May be omitted to clear the level.

16.6. Clearing a Log Level

To clear the level of a logger, make a POST request to /actuator/loggers/{logger.name} with a JSON body containing an empty object, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/loggers/com.example' -i -X POST \
    -H 'Content-Type: application/json' \
    -d '{}'
```

The preceding example clears the configured level of the com.example logger.

Chapter 17. Mappings (`mappings`)

The `mappings` endpoint provides information about the application's request mappings.

17.1. Retrieving the Mappings

To retrieve the mappings, make a `GET` request to `/actuator/mappings`, as shown in the following curl-based example:

```
$ curl 'http://localhost:44345/actuator/mappings' -i -X GET \
    -H 'accept-encoding: gzip' \
    -H 'user-agent: ReactorNetty/1.1.13' \
    -H 'accept: */*'
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Transfer-Encoding: chunked
Date: Thu, 23 Nov 2023 13:35:07 GMT
Content-Length: 5342

{
  "contexts" : {
    "application" : {
      "mappings" : {
        "dispatcherServlets" : {
          "dispatcherServlet" : [ {
            "handler" : "Actuator root web endpoint",
            "predicate" : "{GET [/actuator], produces [application/vnd.spring-
boot.actuator.v3+json || application/vnd.spring-boot.actuator.v2+json ||
application/json]}",
            "details" : {
              "handlerMethod" : {
                "className" :
"org.springframework.boot.actuate.endpoint.web.servlet.WebMvcEndpointHandlerMapping.We
bMvcLinksHandler",
                "name" : "links",
                "descriptor" :
"(Ljakarta/servlet/http/HttpServletRequest;Ljakarta/servlet/http/HttpServletResponse;)
Ljava/util/Map;"
              },
              "requestMappingConditions" : {
                "consumes" : [ ],
                "headers" : [ ],
                "methods" : [ "GET" ],
                "params" : [ ],
                "patterns" : [ "/actuator" ],
```

```
                "produces" : [ {
                  "mediaType" : "application/vnd.spring-boot.actuator.v3+json",
                  "negated" : false
                }, {
                  "mediaType" : "application/vnd.spring-boot.actuator.v2+json",
                  "negated" : false
                }, {
                  "mediaType" : "application/json",
                  "negated" : false
                } ]
              }
            }
          }, {
            "handler" : "Actuator web endpoint 'mappings'",
            "predicate" : "{GET [/actuator/mappings], produces
[application/vnd.spring-boot.actuator.v3+json || application/vnd.spring-
boot.actuator.v2+json || application/json]}",
            "details" : {
              "handlerMethod" : {
                "className" :
"org.springframework.boot.actuate.endpoint.web.servlet.AbstractWebMvcEndpointHandlerMa
pping.OperationHandler",
                "name" : "handle",
                "descriptor" :
"(Ljakarta/servlet/http/HttpServletRequest;Ljava/util/Map;)Ljava/lang/Object;"
              },
              "requestMappingConditions" : {
                "consumes" : [ ],
                "headers" : [ ],
                "methods" : [ "GET" ],
                "params" : [ ],
                "patterns" : [ "/actuator/mappings" ],
                "produces" : [ {
                  "mediaType" : "application/vnd.spring-boot.actuator.v3+json",
                  "negated" : false
                }, {
                  "mediaType" : "application/vnd.spring-boot.actuator.v2+json",
                  "negated" : false
                }, {
                  "mediaType" : "application/json",
                  "negated" : false
                } ]
              }
            }
          }, {
            "handler" :
"org.springframework.boot.actuate.autoconfigure.endpoint.web.documentation.MappingsEnd
pointServletDocumentationTests$ExampleController#example()",
            "predicate" : "{POST [/], params [a!=alpha], headers [X-Custom=Foo],
consumes [application/json || !application/xml], produces [text/plain]}",
            "details" : {
```

```
              "handlerMethod" : {
                "className" :
"org.springframework.boot.actuate.autoconfigure.endpoint.web.documentation.MappingsEnd
pointServletDocumentationTests.ExampleController",
                "name" : "example",
                "descriptor" : "()Ljava/lang/String;"
              },
              "requestMappingConditions" : {
                "consumes" : [ {
                  "mediaType" : "application/json",
                  "negated" : false
                }, {
                  "mediaType" : "application/xml",
                  "negated" : true
                } ],
                "headers" : [ {
                  "name" : "X-Custom",
                  "value" : "Foo",
                  "negated" : false
                } ],
                "methods" : [ "POST" ],
                "params" : [ {
                  "name" : "a",
                  "value" : "alpha",
                  "negated" : true
                } ],
                "patterns" : [ "/" ],
                "produces" : [ {
                  "mediaType" : "text/plain",
                  "negated" : false
                } ]
              }
            }
          }, {
            "handler" : "ResourceHttpRequestHandler [classpath [META-
INF/resources/webjars/]]",
            "predicate" : "/webjars/**"
          }, {
            "handler" : "ResourceHttpRequestHandler [classpath [META-INF/resources/],
classpath [resources/], classpath [static/], classpath [public/], ServletContext
[/]]",
            "predicate" : "/**"
          } ]
        },
        "servletFilters" : [ {
          "servletNameMappings" : [ ],
          "urlPatternMappings" : [ "/*" ],
          "name" : "requestContextFilter",
          "className" :
"org.springframework.boot.web.servlet.filter.OrderedRequestContextFilter"
        }, {
```

```
            "servletNameMappings" : [ ],
            "urlPatternMappings" : [ "/*" ],
            "name" : "formContentFilter",
            "className" :
  "org.springframework.boot.web.servlet.filter.OrderedFormContentFilter"
        } ],
        "servlets" : [ {
          "mappings" : [ "/" ],
          "name" : "dispatcherServlet",
          "className" : "org.springframework.web.servlet.DispatcherServlet"
        } ]
      }
    }
  }
}
```

17.1.1. Response Structure

The response contains details of the application's mappings. The items found in the response depend on the type of web application (reactive or Servlet-based). The following table describes the structure of the common elements of the response:

Path	Type	Description
contexts	Object	Application contexts keyed by id.
contexts.*.mappings	Object	Mappings in the context, keyed by mapping type.
contexts.*.mappings.dispatcherServlets	Object	Dispatcher servlet mappings, if any.
contexts.*.mappings.servletFilters	Array	Servlet filter mappings, if any.
contexts.*.mappings.servlets	Array	Servlet mappings, if any.
contexts.*.mappings.dispatcherHandlers	Object	Dispatcher handler mappings, if any.
contexts.*.parentId	String	Id of the parent application context, if any.

The entries that may be found in `contexts.*.mappings` are described in the following sections.

17.1.2. Dispatcher Servlets Response Structure

When using Spring MVC, the response contains details of any `DispatcherServlet` request mappings beneath `contexts.*.mappings.dispatcherServlets`. The following table describes the structure of this section of the response:

Path	Type	Description
*	Array	Dispatcher servlet mappings, if any, keyed by dispatcher servlet bean name.
*.[].details	Object	Additional implementation-specific details about the mapping. Optional.
*.[].handler	String	Handler for the mapping.
*.[].predicate	String	Predicate for the mapping.
*.[].details.handlerMethod	Object	Details of the method, if any, that will handle requests to this mapping.
*.[].details.handlerMethod.className	Varies	Fully qualified name of the class of the method.
*.[].details.handlerMethod.name	Varies	Name of the method.
*.[].details.handlerMethod.descriptor	Varies	Descriptor of the method as specified in the Java Language Specification.
*.[].details.requestMappingConditions	Object	Details of the request mapping conditions.
*.[].details.requestMappingConditions.consumes	Varies	Details of the consumes condition
*.[].details.requestMappingConditions.consumes.[].mediaType	Varies	Consumed media type.
*.[].details.requestMappingConditions.consumes.[].negated	Varies	Whether the media type is negated.
*.[].details.requestMappingConditions.headers	Varies	Details of the headers condition.
*.[].details.requestMappingConditions.headers.[].name	Varies	Name of the header.
*.[].details.requestMappingConditions.headers.[].value	Varies	Required value of the header, if any.
*.[].details.requestMappingConditions.headers.[].negated	Varies	Whether the value is negated.
*.[].details.requestMappingConditions.methods	Varies	HTTP methods that are handled.
*.[].details.requestMappingConditions.params	Varies	Details of the params condition.
*.[].details.requestMappingConditions.params.[].name	Varies	Name of the parameter.

Path	Type	Description
`*.[].details.requestMappingConditions.params.[].value`	Varies	Required value of the parameter, if any.
`*.[].details.requestMappingConditions.params.[].negated`	Varies	Whether the value is negated.
`*.[].details.requestMappingConditions.patterns`	Varies	Patterns identifying the paths handled by the mapping.
`*.[].details.requestMappingConditions.produces`	Varies	Details of the produces condition.
`*.[].details.requestMappingConditions.produces.[].mediaType`	Varies	Produced media type.
`*.[].details.requestMappingConditions.produces.[].negated`	Varies	Whether the media type is negated.

17.1.3. Servlets Response Structure

When using the Servlet stack, the response contains details of any `Servlet` mappings beneath `contexts.*.mappings.servlets`. The following table describes the structure of this section of the response:

Path	Type	Description
`[].mappings`	Array	Mappings of the servlet.
`[].name`	String	Name of the servlet.
`[].className`	String	Class name of the servlet

17.1.4. Servlet Filters Response Structure

When using the Servlet stack, the response contains details of any `Filter` mappings beneath `contexts.*.mappings.servletFilters`. The following table describes the structure of this section of the response:

Path	Type	Description
`[].servletNameMappings`	Array	Names of the servlets to which the filter is mapped.
`[].urlPatternMappings`	Array	URL pattern to which the filter is mapped.
`[].name`	String	Name of the filter.
`[].className`	String	Class name of the filter

17.1.5. Dispatcher Handlers Response Structure

When using Spring WebFlux, the response contains details of any `DispatcherHandler` request mappings beneath `contexts.*.mappings.dispatcherHandlers`. The following table describes the

structure of this section of the response:

Path	Type	Description
*	Array	Dispatcher handler mappings, if any, keyed by dispatcher handler bean name.
*.[].details	Object	Additional implementation-specific details about the mapping. Optional.
*.[].handler	String	Handler for the mapping.
*.[].predicate	String	Predicate for the mapping.
*.[].details.requestMappingConditions	Object	Details of the request mapping conditions.
*.[].details.requestMappingConditions.consumes	Varies	Details of the consumes condition
*.[].details.requestMappingConditions.consumes.[].mediaType	Varies	Consumed media type.
*.[].details.requestMappingConditions.consumes.[].negated	Varies	Whether the media type is negated.
*.[].details.requestMappingConditions.headers	Varies	Details of the headers condition.
*.[].details.requestMappingConditions.headers.[].name	Varies	Name of the header.
*.[].details.requestMappingConditions.headers.[].value	Varies	Required value of the header, if any.
*.[].details.requestMappingConditions.headers.[].negated	Varies	Whether the value is negated.
*.[].details.requestMappingConditions.methods	Varies	HTTP methods that are handled.
*.[].details.requestMappingConditions.params	Varies	Details of the params condition.
*.[].details.requestMappingConditions.params.[].name	Varies	Name of the parameter.
*.[].details.requestMappingConditions.params.[].value	Varies	Required value of the parameter, if any.
*.[].details.requestMappingConditions.params.[].negated	Varies	Whether the value is negated.
*.[].details.requestMappingConditions.patterns	Varies	Patterns identifying the paths handled by the mapping.

Path	Type	Description
`*.[].details.requestMappingConditions.produces`	`Varies`	Details of the produces condition.
`*.[].details.requestMappingConditions.produces.[].mediaType`	`Varies`	Produced media type.
`*.[].details.requestMappingConditions.produces.[].negated`	`Varies`	Whether the media type is negated.
`*.[].details.handlerMethod`	`Object`	Details of the method, if any, that will handle requests to this mapping.
`*.[].details.handlerMethod.className`	`String`	Fully qualified name of the class of the method.
`*.[].details.handlerMethod.name`	`String`	Name of the method.
`*.[].details.handlerMethod.descriptor`	`String`	Descriptor of the method as specified in the Java Language Specification.
`*.[].details.handlerFunction`	`Object`	Details of the function, if any, that will handle requests to this mapping.
`*.[].details.handlerFunction.className`	`String`	Fully qualified name of the class of the function.

Chapter 18. Metrics (`metrics`)

The `metrics` endpoint provides access to application metrics.

18.1. Retrieving Metric Names

To retrieve the names of the available metrics, make a `GET` request to `/actuator/metrics`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/metrics' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 154

{
  "names" : [ "jvm.buffer.count", "jvm.buffer.memory.used",
"jvm.buffer.total.capacity", "jvm.memory.committed", "jvm.memory.max",
"jvm.memory.used" ]
}
```

18.1.1. Response Structure

The response contains details of the metric names. The following table describes the structure of the response:

Path	Type	Description
`names`	`Array`	Names of the known metrics.

18.2. Retrieving a Metric

To retrieve a metric, make a `GET` request to `/actuator/metrics/{metric.name}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/metrics/jvm.memory.max' -i -X GET
```

The preceding example retrieves information about the metric named `jvm.memory.max`. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Disposition: inline;filename=f.txt
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 555

{
  "name" : "jvm.memory.max",
  "description" : "The maximum amount of memory in bytes that can be used for memory
management",
  "baseUnit" : "bytes",
  "measurements" : [ {
    "statistic" : "VALUE",
    "value" : 2.399141885E9
  } ],
  "availableTags" : [ {
    "tag" : "area",
    "values" : [ "heap", "nonheap" ]
  }, {
    "tag" : "id",
    "values" : [ "CodeHeap 'profiled nmethods'", "G1 Old Gen", "CodeHeap 'non-profiled
nmethods'", "G1 Survivor Space", "Compressed Class Space", "Metaspace", "G1 Eden
Space", "CodeHeap 'non-nmethods'" ]
  } ]
}
```

18.2.1. Query Parameters

The endpoint uses query parameters to drill down into a metric by using its tags. The following
table shows the single supported query parameter:

Parameter	Description
tag	A tag to use for drill-down in the form `name:value`.

18.2.2. Response structure

The response contains details of the metric. The following table describes the structure of the
response:

Path	Type	Description
name	String	Name of the metric
description	String	Description of the metric
baseUnit	String	Base unit of the metric
measurements	Array	Measurements of the metric

Path	Type	Description
measurements[].statistic	String	Statistic of the measurement. (TOTAL, TOTAL_TIME, COUNT, MAX, VALUE, UNKNOWN, ACTIVE_TASKS, DURATION).
measurements[].value	Number	Value of the measurement.
availableTags	Array	Tags that are available for drill-down.
availableTags[].tag	String	Name of the tag.
availableTags[].values	Array	Possible values of the tag.

18.3. Drilling Down

To drill down into a metric, make a GET request to /actuator/metrics/{metric.name} using the tag query parameter, as shown in the following curl-based example:

```
$ curl
'http://localhost:8080/actuator/metrics/jvm.memory.max?tag=area%3Anonheap&tag=id%3ACom
pressed+Class+Space' -i -X GET
```

The preceding example retrieves the jvm.memory.max metric, where the area tag has a value of nonheap and the id attribute has a value of Compressed Class Space. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Disposition: inline;filename=f.txt
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 263

{
  "name" : "jvm.memory.max",
  "description" : "The maximum amount of memory in bytes that can be used for memory
management",
  "baseUnit" : "bytes",
  "measurements" : [ {
    "statistic" : "VALUE",
    "value" : 1.073741824E9
  } ],
  "availableTags" : [ ]
}
```

Chapter 19. Prometheus (`prometheus`)

The `prometheus` endpoint provides Spring Boot application's metrics in the format required for scraping by a Prometheus server.

19.1. Retrieving All Metrics

To retrieve all metrics, make a `GET` request to `/actuator/prometheus`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/prometheus' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: text/plain;version=0.0.4;charset=utf-8
Content-Length: 3126

# HELP jvm_memory_used_bytes The amount of used memory
# TYPE jvm_memory_used_bytes gauge
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'",} 1.7190784E7
jvm_memory_used_bytes{area="heap",id="G1 Survivor Space",} 2927616.0
jvm_memory_used_bytes{area="heap",id="G1 Old Gen",} 8.070912E7
jvm_memory_used_bytes{area="nonheap",id="Metaspace",} 8.605312E7
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'non-nmethods'",} 3790720.0
jvm_memory_used_bytes{area="heap",id="G1 Eden Space",} 2.5165824E7
jvm_memory_used_bytes{area="nonheap",id="Compressed Class Space",} 1.1473576E7
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'",} 8418176.0
# HELP jvm_memory_max_bytes The maximum amount of memory in bytes that can be used for
memory management
# TYPE jvm_memory_max_bytes gauge
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'",} 1.21729024E8
jvm_memory_max_bytes{area="heap",id="G1 Survivor Space",} -1.0
jvm_memory_max_bytes{area="heap",id="G1 Old Gen",} 1.073741824E9
jvm_memory_max_bytes{area="nonheap",id="Metaspace",} -1.0
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'non-nmethods'",} 8196096.0
jvm_memory_max_bytes{area="heap",id="G1 Eden Space",} -1.0
jvm_memory_max_bytes{area="nonheap",id="Compressed Class Space",} 1.073741824E9
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'",}
1.2173312E8
# HELP jvm_buffer_count_buffers An estimate of the number of buffers in the pool
# TYPE jvm_buffer_count_buffers gauge
jvm_buffer_count_buffers{id="mapped - 'non-volatile memory'",} 0.0
jvm_buffer_count_buffers{id="mapped",} 0.0
jvm_buffer_count_buffers{id="direct",} 44.0
# HELP jvm_memory_committed_bytes The amount of memory in bytes that is committed for
the Java virtual machine to use
# TYPE jvm_memory_committed_bytes gauge
```

```
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'",}
1.8612224E7
jvm_memory_committed_bytes{area="heap",id="G1 Survivor Space",} 3145728.0
jvm_memory_committed_bytes{area="heap",id="G1 Old Gen",} 1.03809024E8
jvm_memory_committed_bytes{area="nonheap",id="Metaspace",} 8.68352E7
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'non-nmethods'",} 3932160.0
jvm_memory_committed_bytes{area="heap",id="G1 Eden Space",} 3.3554432E7
jvm_memory_committed_bytes{area="nonheap",id="Compressed Class Space",} 1.1862016E7
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'",}
8454144.0
# HELP jvm_buffer_memory_used_bytes An estimate of the memory that the Java virtual
machine is using for this buffer pool
# TYPE jvm_buffer_memory_used_bytes gauge
jvm_buffer_memory_used_bytes{id="mapped - 'non-volatile memory'",} 0.0
jvm_buffer_memory_used_bytes{id="mapped",} 0.0
jvm_buffer_memory_used_bytes{id="direct",} 1.841972E7
# HELP jvm_buffer_total_capacity_bytes An estimate of the total capacity of the
buffers in this pool
# TYPE jvm_buffer_total_capacity_bytes gauge
jvm_buffer_total_capacity_bytes{id="mapped - 'non-volatile memory'",} 0.0
jvm_buffer_total_capacity_bytes{id="mapped",} 0.0
jvm_buffer_total_capacity_bytes{id="direct",} 1.8419719E7
```

The default response content type is `text/plain;version=0.0.4`. The endpoint can also produce `application/openmetrics-text;version=1.0.0` when called with an appropriate `Accept` header, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/prometheus' -i -X GET \
    -H 'Accept: application/openmetrics-text; version=1.0.0; charset=utf-8'
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/openmetrics-text;version=1.0.0;charset=utf-8
Content-Length: 3100

# TYPE jvm_memory_used_bytes gauge
# HELP jvm_memory_used_bytes The amount of used memory
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'"} 1.7131776E7
jvm_memory_used_bytes{area="heap",id="G1 Survivor Space"} 2927616.0
jvm_memory_used_bytes{area="heap",id="G1 Old Gen"} 8.070912E7
jvm_memory_used_bytes{area="nonheap",id="Metaspace"} 8.5996336E7
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'non-nmethods'"} 3745280.0
jvm_memory_used_bytes{area="heap",id="G1 Eden Space"} 2.4117248E7
jvm_memory_used_bytes{area="nonheap",id="Compressed Class Space"} 1.1465976E7
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'"} 8404352.0
# TYPE jvm_memory_max_bytes gauge
# HELP jvm_memory_max_bytes The maximum amount of memory in bytes that can be used for
memory management
```

```
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'"} 1.21729024E8
jvm_memory_max_bytes{area="heap",id="G1 Survivor Space"} -1.0
jvm_memory_max_bytes{area="heap",id="G1 Old Gen"} 1.073741824E9
jvm_memory_max_bytes{area="nonheap",id="Metaspace"} -1.0
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'non-nmethods'"} 8196096.0
jvm_memory_max_bytes{area="heap",id="G1 Eden Space"} -1.0
jvm_memory_max_bytes{area="nonheap",id="Compressed Class Space"} 1.073741824E9
jvm_memory_max_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'"} 1.2173312E8
# TYPE jvm_buffer_count_buffers gauge
# HELP jvm_buffer_count_buffers An estimate of the number of buffers in the pool
jvm_buffer_count_buffers{id="mapped - 'non-volatile memory'"} 0.0
jvm_buffer_count_buffers{id="mapped"} 0.0
jvm_buffer_count_buffers{id="direct"} 44.0
# TYPE jvm_memory_committed_bytes gauge
# HELP jvm_memory_committed_bytes The amount of memory in bytes that is committed for
the Java virtual machine to use
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'"}
1.8612224E7
jvm_memory_committed_bytes{area="heap",id="G1 Survivor Space"} 3145728.0
jvm_memory_committed_bytes{area="heap",id="G1 Old Gen"} 1.03809024E8
jvm_memory_committed_bytes{area="nonheap",id="Metaspace"} 8.68352E7
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'non-nmethods'"} 3932160.0
jvm_memory_committed_bytes{area="heap",id="G1 Eden Space"} 3.3554432E7
jvm_memory_committed_bytes{area="nonheap",id="Compressed Class Space"} 1.1862016E7
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'"}
8454144.0
# TYPE jvm_buffer_memory_used_bytes gauge
# HELP jvm_buffer_memory_used_bytes An estimate of the memory that the Java virtual
machine is using for this buffer pool
jvm_buffer_memory_used_bytes{id="mapped - 'non-volatile memory'"} 0.0
jvm_buffer_memory_used_bytes{id="mapped"} 0.0
jvm_buffer_memory_used_bytes{id="direct"} 1.841972E7
# TYPE jvm_buffer_total_capacity_bytes gauge
# HELP jvm_buffer_total_capacity_bytes An estimate of the total capacity of the
buffers in this pool
jvm_buffer_total_capacity_bytes{id="mapped - 'non-volatile memory'"} 0.0
jvm_buffer_total_capacity_bytes{id="mapped"} 0.0
jvm_buffer_total_capacity_bytes{id="direct"} 1.8419719E7
# EOF
```

19.1.1. Query Parameters

The endpoint uses query parameters to limit the samples that it returns. The following table shows
the supported query parameters:

Parameter	Description
`includedNames`	Restricts the samples to those that match the names. Optional.

19.2. Retrieving Filtered Metrics

To retrieve metrics matching specific names, make a `GET` request to `/actuator/prometheus` with the `includedNames` query parameter, as shown in the following curl-based example:

```
$ curl
'http://localhost:8080/actuator/prometheus?includedNames=jvm_memory_used_bytes%2Cjvm_m
emory_committed_bytes' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: text/plain;version=0.0.4;charset=utf-8
Content-Length: 1476

# HELP jvm_memory_used_bytes The amount of used memory
# TYPE jvm_memory_used_bytes gauge
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'",} 1.7199744E7
jvm_memory_used_bytes{area="heap",id="G1 Survivor Space",} 2927616.0
jvm_memory_used_bytes{area="heap",id="G1 Old Gen",} 8.070912E7
jvm_memory_used_bytes{area="nonheap",id="Metaspace",} 8.6070328E7
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'non-nmethods'",} 3746048.0
jvm_memory_used_bytes{area="heap",id="G1 Eden Space",} 2.5165824E7
jvm_memory_used_bytes{area="nonheap",id="Compressed Class Space",} 1.1475312E7
jvm_memory_used_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'",} 8501632.0
# HELP jvm_memory_committed_bytes The amount of memory in bytes that is committed for
the Java virtual machine to use
# TYPE jvm_memory_committed_bytes gauge
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'profiled nmethods'",}
1.8612224E7
jvm_memory_committed_bytes{area="heap",id="G1 Survivor Space",} 3145728.0
jvm_memory_committed_bytes{area="heap",id="G1 Old Gen",} 1.03809024E8
jvm_memory_committed_bytes{area="nonheap",id="Metaspace",} 8.68352E7
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'non-nmethods'",} 3932160.0
jvm_memory_committed_bytes{area="heap",id="G1 Eden Space",} 3.3554432E7
jvm_memory_committed_bytes{area="nonheap",id="Compressed Class Space",} 1.1862016E7
jvm_memory_committed_bytes{area="nonheap",id="CodeHeap 'non-profiled nmethods'",}
8519680.0
```

Chapter 20. Quartz (`quartz`)

The `quartz` endpoint provides information about jobs and triggers that are managed by the Quartz Scheduler.

20.1. Retrieving Registered Groups

Jobs and triggers are managed in groups. To retrieve the list of registered job and trigger groups, make a `GET` request to `/actuator/quartz`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/quartz' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 120

{
  "jobs" : {
    "groups" : [ "samples", "tests" ]
  },
  "triggers" : {
    "groups" : [ "samples", "DEFAULT" ]
  }
}
```

20.1.1. Response Structure

The response contains the groups names for registered jobs and triggers. The following table describes the structure of the response:

Path	Type	Description
`jobs.groups`	`Array`	An array of job group names.
`triggers.groups`	`Array`	An array of trigger group names.

20.2. Retrieving Registered Job Names

To retrieve the list of registered job names, make a `GET` request to `/actuator/quartz/jobs`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/quartz/jobs' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 137

{
  "groups" : {
    "samples" : {
      "jobs" : [ "jobOne", "jobTwo" ]
    },
    "tests" : {
      "jobs" : [ "jobThree" ]
    }
  }
}
```

20.2.1. Response Structure

The response contains the registered job names for each group. The following table describes the structure of the response:

Path	Type	Description
groups	Object	Job groups keyed by name.
groups.*.jobs	Array	An array of job names.

20.3. Retrieving Registered Trigger Names

To retrieve the list of registered trigger names, make a GET request to /actuator/quartz/triggers, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/quartz/triggers' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 229

{
  "groups" : {
    "samples" : {
      "paused" : false,
      "triggers" : [ "3am-weekdays", "every-day", "once-a-week" ]
    },
    "DEFAULT" : {
      "paused" : false,
      "triggers" : [ "every-hour-tue-thu" ]
    }
  }
}
```

20.3.1. Response Structure

The response contains the registered trigger names for each group. The following table describes the structure of the response:

Path	Type	Description
groups	Object	Trigger groups keyed by name.
groups.*.paused	Boolean	Whether this trigger group is paused.
groups.*.triggers	Array	An array of trigger names.

20.4. Retrieving Overview of a Job Group

To retrieve an overview of the jobs in a particular group, make a `GET` request to `/actuator/quartz/jobs/{groupName}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/quartz/jobs/samples' -i -X GET
```

The preceding example retrieves the summary for jobs in the `samples` group. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 201

{
  "group" : "samples",
  "jobs" : {
    "jobOne" : {
      "className" : "org.springframework.scheduling.quartz.DelegatingJob"
    },
    "jobTwo" : {
      "className" : "org.quartz.Job"
    }
  }
}
```

20.4.1. Response Structure

The response contains an overview of jobs in a particular group. The following table describes the structure of the response:

Path	Type	Description
group	String	Name of the group.
jobs	Object	Job details keyed by name.
jobs.*.className	String	Fully qualified name of the job implementation.

20.5. Retrieving Overview of a Trigger Group

To retrieve an overview of the triggers in a particular group, make a GET request to /actuator/quartz/triggers/{groupName}, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/quartz/triggers/tests' -i -X GET
```

The preceding example retrieves the summary for triggers in the tests group. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 1268

{
  "group" : "tests",
  "paused" : false,
  "triggers" : {
```

```
    "cron" : {
      "3am-week" : {
        "previousFireTime" : "2020-12-04T03:00:00.000+00:00",
        "nextFireTime" : "2020-12-07T03:00:00.000+00:00",
        "priority" : 3,
        "expression" : "0 0 3 ? * 1,2,3,4,5",
        "timeZone" : "Europe/Paris"
      }
    },
    "simple" : {
      "every-day" : {
        "nextFireTime" : "2020-12-04T12:00:00.000+00:00",
        "priority" : 7,
        "interval" : 86400000
      }
    },
    "dailyTimeInterval" : {
      "tue-thu" : {
        "priority" : 5,
        "interval" : 3600000,
        "daysOfWeek" : [ 3, 5 ],
        "startTimeOfDay" : "09:00:00",
        "endTimeOfDay" : "18:00:00"
      }
    },
    "calendarInterval" : {
      "once-a-week" : {
        "previousFireTime" : "2020-12-02T14:00:00.000+00:00",
        "nextFireTime" : "2020-12-08T14:00:00.000+00:00",
        "priority" : 5,
        "interval" : 604800000,
        "timeZone" : "Etc/UTC"
      }
    },
    "custom" : {
      "once-a-year-custom" : {
        "previousFireTime" : "2020-07-14T16:00:00.000+00:00",
        "nextFireTime" : "2021-07-14T16:00:00.000+00:00",
        "priority" : 10,
        "trigger" : "com.example.CustomTrigger@fdsfsd"
      }
    }
  }
}
```

20.5.1. Response Structure

The response contains an overview of triggers in a particular group. Trigger implementation specific details are available. The following table describes the structure of the response:

Path	Type	Description
`group`	`String`	Name of the group.
`paused`	`Boolean`	Whether the group is paused.
`triggers.cron`	`Object`	Cron triggers keyed by name, if any.
`triggers.simple`	`Object`	Simple triggers keyed by name, if any.
`triggers.dailyTimeInterval`	`Object`	Daily time interval triggers keyed by name, if any.
`triggers.calendarInterval`	`Object`	Calendar interval triggers keyed by name, if any.
`triggers.custom`	`Object`	Any other triggers keyed by name, if any.
`triggers.cron.*.previousFireTime`	`String`	Last time the trigger fired, if any.
`triggers.cron.*.nextFireTime`	`String`	Next time at which the Trigger is scheduled to fire, if any.
`triggers.cron.*.priority`	`Number`	Priority to use if two triggers have the same scheduled fire time.
`triggers.cron.*.expression`	`String`	Cron expression to use.
`triggers.cron.*.timeZone`	`String`	Time zone for which the expression will be resolved, if any.
`triggers.simple.*.previousFireTime`	`String`	Last time the trigger fired, if any.
`triggers.simple.*.nextFireTime`	`String`	Next time at which the Trigger is scheduled to fire, if any.
`triggers.simple.*.priority`	`Number`	Priority to use if two triggers have the same scheduled fire time.
`triggers.simple.*.interval`	`Number`	Interval, in milliseconds, between two executions.
`triggers.dailyTimeInterval.*.previousFireTime`	`String`	Last time the trigger fired, if any.
`triggers.dailyTimeInterval.*.nextFireTime`	`String`	Next time at which the Trigger is scheduled to fire, if any.
`triggers.dailyTimeInterval.*.priority`	`Number`	Priority to use if two triggers have the same scheduled fire time.
`triggers.dailyTimeInterval.*.interval`	`Number`	Interval, in milliseconds, added to the fire time in order to calculate the time of the next trigger repeat.
`triggers.dailyTimeInterval.*.daysOfWeek`	`Array`	An array of days of the week upon which to fire.
`triggers.dailyTimeInterval.*.startTimeOfDay`	`String`	Time of day to start firing at the given interval, if any.

Path	Type	Description
`triggers.dailyTimeInterval.*.endTimeOfDay`	`String`	Time of day to complete firing at the given interval, if any.
`triggers.calendarInterval.*.previousFireTime`	`String`	Last time the trigger fired, if any.
`triggers.calendarInterval.*.nextFireTime`	`String`	Next time at which the Trigger is scheduled to fire, if any.
`triggers.calendarInterval.*.priority`	`Number`	Priority to use if two triggers have the same scheduled fire time.
`triggers.calendarInterval.*.interval`	`Number`	Interval, in milliseconds, added to the fire time in order to calculate the time of the next trigger repeat.
`triggers.calendarInterval.*.timeZone`	`String`	Time zone within which time calculations will be performed, if any.
`triggers.custom.*.previousFireTime`	`String`	Last time the trigger fired, if any.
`triggers.custom.*.nextFireTime`	`String`	Next time at which the Trigger is scheduled to fire, if any.
`triggers.custom.*.priority`	`Number`	Priority to use if two triggers have the same scheduled fire time.
`triggers.custom.*.trigger`	`String`	A toString representation of the custom trigger instance.

20.6. Retrieving Details of a Job

To retrieve the details about a particular job, make a `GET` request to `/actuator/quartz/jobs/{groupName}/{jobName}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/quartz/jobs/samples/jobOne' -i -X GET
```

The preceding example retrieves the details of the job identified by the `samples` group and `jobOne` name. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 609

{
  "group" : "samples",
  "name" : "jobOne",
  "description" : "A sample job",
  "className" : "org.springframework.scheduling.quartz.DelegatingJob",
  "durable" : false,
  "requestRecovery" : false,
  "data" : {
    "password" : "secret",
    "user" : "admin"
  },
  "triggers" : [ {
    "group" : "samples",
    "name" : "every-day",
    "previousFireTime" : "2020-12-04T03:00:00.000+00:00",
    "nextFireTime" : "2020-12-04T12:00:00.000+00:00",
    "priority" : 7
  }, {
    "group" : "samples",
    "name" : "3am-weekdays",
    "nextFireTime" : "2020-12-07T03:00:00.000+00:00",
    "priority" : 3
  } ]
}
```

If a key in the data map is identified as sensitive, its value is sanitized.

20.6.1. Response Structure

The response contains the full details of a job including a summary of the triggers associated with it, if any. The triggers are sorted by next fire time and priority. The following table describes the structure of the response:

Path	Type	Description
group	String	Name of the group.
name	String	Name of the job.
description	String	Description of the job, if any.
className	String	Fully qualified name of the job implementation.
durable	Boolean	Whether the job should remain stored after it is orphaned.
requestRecovery	Boolean	Whether the job should be re-executed if a 'recovery' or 'fail-over' situation is encountered.

Path	Type	Description
`data.*`	`String`	Job data map as key/value pairs, if any.
`triggers`	`Array`	An array of triggers associated to the job, if any.
`triggers.[].group`	`String`	Name of the trigger group.
`triggers.[].name`	`String`	Name of the trigger.
`triggers.[].previousFireTime`	`String`	Last time the trigger fired, if any.
`triggers.[].nextFireTime`	`String`	Next time at which the Trigger is scheduled to fire, if any.
`triggers.[].priority`	`Number`	Priority to use if two triggers have the same scheduled fire time.

20.7. Retrieving Details of a Trigger

To retrieve the details about a particular trigger, make a `GET` request to `/actuator/quartz/triggers/{groupName}/{triggerName}`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/quartz/triggers/samples/example' -i -X GET
```

The preceding example retrieves the details of trigger identified by the `samples` group and `example` name.

20.7.1. Common Response Structure

The response has a common structure and an additional object that is specific to the trigger's type. There are five supported types:

- `cron` for `CronTrigger`
- `simple` for `SimpleTrigger`
- `dailyTimeInterval` for `DailyTimeIntervalTrigger`
- `calendarInterval` for `CalendarIntervalTrigger`
- `custom` for any other trigger implementations

The following table describes the structure of the common elements of the response:

Path	Type	Description
`group`	`String`	Name of the group.
`name`	`String`	Name of the trigger.
`description`	`String`	Description of the trigger, if any.
`state`	`String`	State of the trigger (`NONE`, `NORMAL`, `PAUSED`, `COMPLETE`, `ERROR`, `BLOCKED`).

Path	Type	Description
type	String	Type of the trigger (`calendarInterval`, `cron`, `custom`, `dailyTimeInterval`, `simple`). Determines the key of the object containing type-specific details.
calendarName	String	Name of the Calendar associated with this Trigger, if any.
startTime	String	Time at which the Trigger should take effect, if any.
endTime	String	Time at which the Trigger should quit repeating, regardless of any remaining repeats, if any.
previousFireTime	String	Last time the trigger fired, if any.
nextFireTime	String	Next time at which the Trigger is scheduled to fire, if any.
priority	Number	Priority to use if two triggers have the same scheduled fire time.
finalFireTime	String	Last time at which the Trigger will fire, if any.
data	Object	Job data map keyed by name, if any.
calendarInterval	Object	Calendar time interval trigger details, if any. Present when `type` is `calendarInterval`.
custom	Object	Custom trigger details, if any. Present when `type` is `custom`.
cron	Object	Cron trigger details, if any. Present when `type` is `cron`.
dailyTimeInterval	Object	Daily time interval trigger details, if any. Present when `type` is `dailyTimeInterval`.
simple	Object	Simple trigger details, if any. Present when `type` is `simple`.

20.7.2. Cron Trigger Response Structure

A cron trigger defines the cron expression that is used to determine when it has to fire. The resulting response for such a trigger implementation is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 490

{
  "group" : "samples",
  "name" : "example",
  "description" : "Example trigger",
  "state" : "NORMAL",
  "type" : "cron",
  "calendarName" : "bankHolidays",
  "startTime" : "2020-11-30T17:00:00.000+00:00",
  "endTime" : "2020-12-30T03:00:00.000+00:00",
  "previousFireTime" : "2020-12-04T03:00:00.000+00:00",
  "nextFireTime" : "2020-12-07T03:00:00.000+00:00",
  "priority" : 3,
  "data" : { },
  "cron" : {
    "expression" : "0 0 3 ? * 1,2,3,4,5",
    "timeZone" : "Europe/Paris"
  }
}
```

Much of the response is common to all trigger types. The structure of the common elements of the response was described previously. The following table describes the structure of the parts of the response that are specific to cron triggers:

Path	Type	Description
cron	Object	Cron trigger specific details.
cron.expression	String	Cron expression to use.
cron.timeZone	String	Time zone for which the expression will be resolved, if any.

20.7.3. Simple Trigger Response Structure

A simple trigger is used to fire a Job at a given moment in time, and optionally repeated at a specified interval. The resulting response for such a trigger implementation is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 549

{
  "group" : "samples",
  "name" : "example",
  "description" : "Example trigger",
  "state" : "NORMAL",
  "type" : "simple",
  "calendarName" : "bankHolidays",
  "startTime" : "2020-11-30T17:00:00.000+00:00",
  "endTime" : "2020-12-30T03:00:00.000+00:00",
  "previousFireTime" : "2020-12-04T03:00:00.000+00:00",
  "nextFireTime" : "2020-12-07T03:00:00.000+00:00",
  "priority" : 7,
  "finalFireTime" : "2020-12-29T17:00:00.000+00:00",
  "data" : { },
  "simple" : {
    "interval" : 86400000,
    "repeatCount" : -1,
    "timesTriggered" : 0
  }
}
```

Much of the response is common to all trigger types. The structure of the common elements of the response was described previously. The following table describes the structure of the parts of the response that are specific to simple triggers:

Path	Type	Description
simple	Object	Simple trigger specific details.
simple.interval	Number	Interval, in milliseconds, between two executions.
simple.repeatCount	Number	Number of times the trigger should repeat, or -1 to repeat indefinitely.
simple.timesTriggered	Number	Number of times the trigger has already fired.

20.7.4. Daily Time Interval Trigger Response Structure

A daily time interval trigger is used to fire a Job based upon daily repeating time intervals. The resulting response for such a trigger implementation is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 667

{
  "group" : "samples",
  "name" : "example",
  "description" : "Example trigger",
  "state" : "PAUSED",
  "type" : "dailyTimeInterval",
  "calendarName" : "bankHolidays",
  "startTime" : "2020-11-30T17:00:00.000+00:00",
  "endTime" : "2020-12-30T03:00:00.000+00:00",
  "previousFireTime" : "2020-12-04T03:00:00.000+00:00",
  "nextFireTime" : "2020-12-07T03:00:00.000+00:00",
  "priority" : 5,
  "finalFireTime" : "2020-12-30T18:00:00.000+00:00",
  "data" : { },
  "dailyTimeInterval" : {
    "interval" : 3600000,
    "daysOfWeek" : [ 3, 5 ],
    "startTimeOfDay" : "09:00:00",
    "endTimeOfDay" : "18:00:00",
    "repeatCount" : -1,
    "timesTriggered" : 0
  }
}
```

Much of the response is common to all trigger types. The structure of the common elements of the response was described previously. The following table describes the structure of the parts of the response that are specific to daily time interval triggers:

Path	Type	Description
dailyTimeInterval	Object	Daily time interval trigger specific details.
dailyTimeInterval.interval	Number	Interval, in milliseconds, added to the fire time in order to calculate the time of the next trigger repeat.
dailyTimeInterval.daysOfWeek	Array	An array of days of the week upon which to fire.
dailyTimeInterval.startTimeOfDay	String	Time of day to start firing at the given interval, if any.
dailyTimeInterval.endTimeOfDay	String	Time of day to complete firing at the given interval, if any.
dailyTimeInterval.repeatCount	Number	Number of times the trigger should repeat, or -1 to repeat indefinitely.
dailyTimeInterval.timesTriggered	Number	Number of times the trigger has already fired.

20.7.5. Calendar Interval Trigger Response Structure

A calendar interval trigger is used to fire a Job based upon repeating calendar time intervals. The resulting response for such a trigger implementation is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 669

{
  "group" : "samples",
  "name" : "example",
  "description" : "Example trigger",
  "state" : "NORMAL",
  "type" : "calendarInterval",
  "calendarName" : "bankHolidays",
  "startTime" : "2020-11-30T17:00:00.000+00:00",
  "endTime" : "2020-12-30T03:00:00.000+00:00",
  "previousFireTime" : "2020-12-04T03:00:00.000+00:00",
  "nextFireTime" : "2020-12-07T03:00:00.000+00:00",
  "priority" : 5,
  "finalFireTime" : "2020-12-28T17:00:00.000+00:00",
  "data" : { },
  "calendarInterval" : {
    "interval" : 604800000,
    "timeZone" : "Etc/UTC",
    "timesTriggered" : 0,
    "preserveHourOfDayAcrossDaylightSavings" : false,
    "skipDayIfHourDoesNotExist" : false
  }
}
```

Much of the response is common to all trigger types. The structure of the common elements of the response was described previously. The following table describes the structure of the parts of the response that are specific to calendar interval triggers:

Path	Type	Description
calendarInterval	Object	Calendar interval trigger specific details.
calendarInterval.interval	Number	Interval, in milliseconds, added to the fire time in order to calculate the time of the next trigger repeat.
calendarInterval.timeZone	String	Time zone within which time calculations will be performed, if any.
calendarInterval.timesTriggered	Number	Number of times the trigger has already fired.

Path	Type	Description
`calendarInterval.preserveHourO fDayAcrossDaylightSavings`	`Boolean`	Whether to fire the trigger at the same time of day, regardless of daylight saving time transitions.
`calendarInterval.skipDayIfHour DoesNotExist`	`Boolean`	Whether to skip if the hour of the day does not exist on a given day.

20.7.6. Custom Trigger Response Structure

A custom trigger is any other implementation. The resulting response for such a trigger implementation is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 457

{
  "group" : "samples",
  "name" : "example",
  "description" : "Example trigger.",
  "state" : "NORMAL",
  "type" : "custom",
  "calendarName" : "bankHolidays",
  "startTime" : "2020-11-30T17:00:00.000+00:00",
  "endTime" : "2020-12-30T03:00:00.000+00:00",
  "previousFireTime" : "2020-12-04T03:00:00.000+00:00",
  "nextFireTime" : "2020-12-07T03:00:00.000+00:00",
  "priority" : 10,
  "custom" : {
    "trigger" : "com.example.CustomTrigger@fdsfsd"
  }
}
```

Much of the response is common to all trigger types. The structure of the common elements of the response was described previously. The following table describes the structure of the parts of the response that are specific to custom triggers:

Path	Type	Description
`custom`	`Object`	Custom trigger specific details.
`custom.trigger`	`String`	A toString representation of the custom trigger instance.

Chapter 21. Scheduled Tasks (`scheduledtasks`)

The `scheduledtasks` endpoint provides information about the application's scheduled tasks.

21.1. Retrieving the Scheduled Tasks

To retrieve the scheduled tasks, make a `GET` request to `/actuator/scheduledtasks`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/scheduledtasks' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 628

{
  "cron" : [ {
    "runnable" : {
      "target" : "com.example.Processor.processOrders"
    },
    "expression" : "0 0 0/3 1/1 * ?"
  } ],
  "fixedDelay" : [ {
    "runnable" : {
      "target" : "com.example.Processor.purge"
    },
    "initialDelay" : 5000,
    "interval" : 5000
  } ],
  "fixedRate" : [ {
    "runnable" : {
      "target" : "com.example.Processor.retrieveIssues"
    },
    "initialDelay" : 10000,
    "interval" : 3000
  } ],
  "custom" : [ {
    "runnable" : {
      "target" : "com.example.Processor$CustomTriggeredRunnable"
    },
    "trigger" : "com.example.Processor$CustomTrigger@782cd00"
  } ]
}
```

21.1.1. Response Structure

The response contains details of the application's scheduled tasks. The following table describes the structure of the response:

Path	Type	Description
`cron`	`Array`	Cron tasks, if any.
`cron.[].runnable.target`	`String`	Target that will be executed.
`cron.[].expression`	`String`	Cron expression.
`fixedDelay`	`Array`	Fixed delay tasks, if any.
`fixedDelay.[].runnable.target`	`String`	Target that will be executed.
`fixedDelay.[].initialDelay`	`Number`	Delay, in milliseconds, before first execution.
`fixedDelay.[].interval`	`Number`	Interval, in milliseconds, between the end of the last execution and the start of the next.
`fixedRate`	`Array`	Fixed rate tasks, if any.
`fixedRate.[].runnable.target`	`String`	Target that will be executed.
`fixedRate.[].interval`	`Number`	Interval, in milliseconds, between the start of each execution.
`fixedRate.[].initialDelay`	`Number`	Delay, in milliseconds, before first execution.
`custom`	`Array`	Tasks with custom triggers, if any.
`custom.[].runnable.target`	`String`	Target that will be executed.
`custom.[].trigger`	`String`	Trigger for the task.

Chapter 22. Sessions (`sessions`)

The `sessions` endpoint provides information about the application's HTTP sessions that are managed by Spring Session.

22.1. Retrieving Sessions

To retrieve the sessions, make a `GET` request to `/actuator/sessions`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/sessions?username=alice' -i -X GET
```

The preceding examples retrieves all of the sessions for the user whose username is `alice`. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 789

{
  "sessions" : [ {
    "id" : "dae4b860-302f-4d07-8db5-881973769994",
    "attributeNames" : [ ],
    "creationTime" : "2023-11-23T11:35:09.839333516Z",
    "lastAccessedTime" : "2023-11-23T13:34:57.839334199Z",
    "maxInactiveInterval" : 1800,
    "expired" : false
  }, {
    "id" : "4db5efcc-99cb-4d05-a52c-b49acfbb7ea9",
    "attributeNames" : [ ],
    "creationTime" : "2023-11-23T08:35:09.839326065Z",
    "lastAccessedTime" : "2023-11-23T13:34:32.839329977Z",
    "maxInactiveInterval" : 1800,
    "expired" : false
  }, {
    "id" : "95ef3d9c-7138-4640-b7d6-36d8480964b9",
    "attributeNames" : [ ],
    "creationTime" : "2023-11-23T01:35:09.838093609Z",
    "lastAccessedTime" : "2023-11-23T13:34:24.838104489Z",
    "maxInactiveInterval" : 1800,
    "expired" : false
  } ]
}
```

22.1.1. Query Parameters

The endpoint uses query parameters to limit the sessions that it returns. The following table shows the single required query parameter:

Parameter	Description
username	Name of the user.

22.1.2. Response Structure

The response contains details of the matching sessions. The following table describes the structure of the response:

Path	Type	Description
sessions	Array	Sessions for the given username.
sessions.[].id	String	ID of the session.
sessions.[].attributeNames	Array	Names of the attributes stored in the session.
sessions.[].creationTime	String	Timestamp of when the session was created.
sessions.[].lastAccessedTime	String	Timestamp of when the session was last accessed.
sessions.[].maxInactiveInterval	Number	Maximum permitted period of inactivity, in seconds, before the session will expire.
sessions.[].expired	Boolean	Whether the session has expired.

22.2. Retrieving a Single Session

To retrieve a single session, make a GET request to /actuator/sessions/{id}, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/sessions/4db5efcc-99cb-4d05-a52c-b49acfbb7ea9'
-i -X GET
```

The preceding example retrieves the session with the id of 4db5efcc-99cb-4d05-a52c-b49acfbb7ea9. The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 240

{
  "id" : "4db5efcc-99cb-4d05-a52c-b49acfbb7ea9",
  "attributeNames" : [ ],
  "creationTime" : "2023-11-23T08:35:09.839326065Z",
  "lastAccessedTime" : "2023-11-23T13:34:32.839329977Z",
  "maxInactiveInterval" : 1800,
  "expired" : false
}
```

22.2.1. Response Structure

The response contains details of the requested session. The following table describes the structure of the response:

Path	Type	Description
id	String	ID of the session.
attributeNames	Array	Names of the attributes stored in the session.
creationTime	String	Timestamp of when the session was created.
lastAccessedTime	String	Timestamp of when the session was last accessed.
maxInactiveInterval	Number	Maximum permitted period of inactivity, in seconds, before the session will expire.
expired	Boolean	Whether the session has expired.

22.3. Deleting a Session

To delete a session, make a DELETE request to /actuator/sessions/{id}, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/sessions/4db5efcc-99cb-4d05-a52c-b49acfbb7ea9'
-i -X DELETE
```

The preceding example deletes the session with the id of 4db5efcc-99cb-4d05-a52c-b49acfbb7ea9.

Chapter 23. Shutdown (`shutdown`)

The `shutdown` endpoint is used to shut down the application.

23.1. Shutting Down the Application

To shut down the application, make a `POST` request to `/actuator/shutdown`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/shutdown' -i -X POST
```

A response similar to the following is produced:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 41

{
  "message" : "Shutting down, bye..."
}
```

23.1.1. Response Structure

The response contains details of the result of the shutdown request. The following table describes the structure of the response:

Path	Type	Description
message	String	Message describing the result of the request.

Chapter 24. Application Startup (`startup`)

The `startup` endpoint provides information about the application's startup sequence.

24.1. Retrieving the Application Startup Steps

The application startup steps can either be retrieved as a snapshot (`GET`) or drained from the buffer (`POST`).

24.1.1. Retrieving a snapshot of the Application Startup Steps

To retrieve the steps recorded so far during the application startup phase, make a `GET` request to `/actuator/startup`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/startup' -i -X GET
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 889

{
  "springBootVersion" : "3.2.0",
  "timeline" : {
    "startTime" : "2023-11-23T13:35:10.464097216Z",
    "events" : [ {
      "endTime" : "2023-11-23T13:35:10.603190060Z",
      "duration" : "PT0.000013313S",
      "startupStep" : {
        "name" : "spring.beans.instantiate",
        "id" : 3,
        "tags" : [ {
          "key" : "beanName",
          "value" : "homeController"
        } ],
        "parentId" : 2
      },
      "startTime" : "2023-11-23T13:35:10.603176747Z"
    }, {
      "endTime" : "2023-11-23T13:35:10.603219874Z",
      "duration" : "PT0.000084433S",
      "startupStep" : {
        "name" : "spring.boot.application.starting",
        "id" : 2,
        "tags" : [ {
          "key" : "mainApplicationClass",
          "value" : "com.example.startup.StartupApplication"
        } ]
      },
      "startTime" : "2023-11-23T13:35:10.603135441Z"
    } ]
  }
}
```

24.1.2. Draining the Application Startup Steps

To drain and return the steps recorded so far during the application startup phase, make a `POST` request to `/actuator/startup`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/startup' -i -X POST
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.spring-boot.actuator.v3+json
Content-Length: 889

{
  "springBootVersion" : "3.2.0",
  "timeline" : {
    "startTime" : "2023-11-23T13:35:10.464097216Z",
    "events" : [ {
      "endTime" : "2023-11-23T13:35:10.570334236Z",
      "duration" : "PT0.000360547S",
      "startupStep" : {
        "name" : "spring.beans.instantiate",
        "id" : 1,
        "tags" : [ {
          "key" : "beanName",
          "value" : "homeController"
        } ],
        "parentId" : 0
      },
      "startTime" : "2023-11-23T13:35:10.569973689Z"
    }, {
      "endTime" : "2023-11-23T13:35:10.570426017Z",
      "duration" : "PT0.002921748S",
      "startupStep" : {
        "name" : "spring.boot.application.starting",
        "id" : 0,
        "tags" : [ {
          "key" : "mainApplicationClass",
          "value" : "com.example.startup.StartupApplication"
        } ]
      },
      "startTime" : "2023-11-23T13:35:10.567504269Z"
    } ]
  }
}
```

24.1.3. Response Structure

The response contains details of the application startup steps. The following table describes the structure of the response:

Path	Type	Description
springBootVersion	String	Spring Boot version for this application.
timeline.startTime	String	Start time of the application.
timeline.events	Array	An array of steps collected during application startup so far.

Path	Type	Description
`timeline.events.[].startTime`	`String`	The timestamp of the start of this event.
`timeline.events.[].endTime`	`String`	The timestamp of the end of this event.
`timeline.events.[].duration`	`String`	The precise duration of this event.
`timeline.events.[].startupStep.name`	`String`	The name of the StartupStep.
`timeline.events.[].startupStep.id`	`Number`	The id of this StartupStep.
`timeline.events.[].startupStep.parentId`	`Number`	The parent id for this StartupStep.
`timeline.events.[].startupStep.tags`	`Array`	An array of key/value pairs with additional step info.
`timeline.events.[].startupStep.tags[].key`	`String`	The key of the StartupStep Tag.
`timeline.events.[].startupStep.tags[].value`	`String`	The value of the StartupStep Tag.

Chapter 25. Thread Dump (`threaddump`)

The `threaddump` endpoint provides a thread dump from the application's JVM.

25.1. Retrieving the Thread Dump as JSON

To retrieve the thread dump as JSON, make a `GET` request to `/actuator/threaddump` with an appropriate `Accept` header, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/threaddump' -i -X GET \
    -H 'Accept: application/json'
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 38890

{
  "threads" : [ {
    "threadName" : "Test worker",
    "threadId" : 1,
    "blockedTime" : -1,
    "blockedCount" : 40,
    "waitedTime" : -1,
    "waitedCount" : 61,
    "lockOwnerId" : -1,
    "daemon" : false,
    "inNative" : false,
    "suspended" : false,
    "threadState" : "RUNNABLE",
    "priority" : 5,
    "stackTrace" : [ {
      "moduleName" : "java.management",
      "moduleVersion" : "17.0.9",
      "methodName" : "dumpThreads0",
      "fileName" : "ThreadImpl.java",
      "lineNumber" : -2,
      "nativeMethod" : true,
      "className" : "sun.management.ThreadImpl"
    }, {
      "moduleName" : "java.management",
      "moduleVersion" : "17.0.9",
      "methodName" : "dumpAllThreads",
      "fileName" : "ThreadImpl.java",
      "lineNumber" : 521,
      "nativeMethod" : false,
      "className" : "sun.management.ThreadImpl"
```

```
    }, {
      "moduleName" : "java.management",
      "moduleVersion" : "17.0.9",
      "methodName" : "dumpAllThreads",
      "fileName" : "ThreadImpl.java",
      "lineNumber" : 509,
      "nativeMethod" : false,
      "className" : "sun.management.ThreadImpl"
    }, {
      "classLoaderName" : "app",
      "methodName" : "getFormattedThreadDump",
      "fileName" : "ThreadDumpEndpoint.java",
      "lineNumber" : 52,
      "nativeMethod" : false,
      "className" : "org.springframework.boot.actuate.management.ThreadDumpEndpoint"
    }, {
      "classLoaderName" : "app",
      "methodName" : "threadDump",
      "fileName" : "ThreadDumpEndpoint.java",
      "lineNumber" : 43,
      "nativeMethod" : false,
      "className" : "org.springframework.boot.actuate.management.ThreadDumpEndpoint"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke0",
      "fileName" : "NativeMethodAccessorImpl.java",
      "lineNumber" : -2,
      "nativeMethod" : true,
      "className" : "jdk.internal.reflect.NativeMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "NativeMethodAccessorImpl.java",
      "lineNumber" : 77,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.NativeMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "DelegatingMethodAccessorImpl.java",
      "lineNumber" : 43,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.DelegatingMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "Method.java",
```

```
      "lineNumber" : 568,
      "nativeMethod" : false,
      "className" : "java.lang.reflect.Method"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeMethod",
      "fileName" : "ReflectionUtils.java",
      "lineNumber" : 281,
      "nativeMethod" : false,
      "className" : "org.springframework.util.ReflectionUtils"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "fileName" : "ReflectiveOperationInvoker.java",
      "lineNumber" : 74,
      "nativeMethod" : false,
      "className" :
"org.springframework.boot.actuate.endpoint.invoke.reflect.ReflectiveOperationInvoker"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "fileName" : "AbstractDiscoveredOperation.java",
      "lineNumber" : 60,
      "nativeMethod" : false,
      "className" :
"org.springframework.boot.actuate.endpoint.annotation.AbstractDiscoveredOperation"
    }, {
      "classLoaderName" : "app",
      "methodName" : "handle",
      "fileName" : "AbstractWebMvcEndpointHandlerMapping.java",
      "lineNumber" : 321,
      "nativeMethod" : false,
      "className" :
"org.springframework.boot.actuate.endpoint.web.servlet.AbstractWebMvcEndpointHandlerMa
pping$ServletWebOperationAdapter"
    }, {
      "classLoaderName" : "app",
      "methodName" : "handle",
      "fileName" : "AbstractWebMvcEndpointHandlerMapping.java",
      "lineNumber" : 428,
      "nativeMethod" : false,
      "className" :
"org.springframework.boot.actuate.endpoint.web.servlet.AbstractWebMvcEndpointHandlerMa
pping$OperationHandler"
    }, {
      "methodName" : "invoke",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.GeneratedMethodAccessor63"
    }, {
      "moduleName" : "java.base",
```

```
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "DelegatingMethodAccessorImpl.java",
      "lineNumber" : 43,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.DelegatingMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "Method.java",
      "lineNumber" : 568,
      "nativeMethod" : false,
      "className" : "java.lang.reflect.Method"
    }, {
      "classLoaderName" : "app",
      "methodName" : "doInvoke",
      "fileName" : "InvocableHandlerMethod.java",
      "lineNumber" : 254,
      "nativeMethod" : false,
      "className" : "org.springframework.web.method.support.InvocableHandlerMethod"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeForRequest",
      "fileName" : "InvocableHandlerMethod.java",
      "lineNumber" : 182,
      "nativeMethod" : false,
      "className" : "org.springframework.web.method.support.InvocableHandlerMethod"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeAndHandle",
      "fileName" : "ServletInvocableHandlerMethod.java",
      "lineNumber" : 118,
      "nativeMethod" : false,
      "className" :
"org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeHandlerMethod",
      "fileName" : "RequestMappingHandlerAdapter.java",
      "lineNumber" : 917,
      "nativeMethod" : false,
      "className" :
"org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter"
    }, {
      "classLoaderName" : "app",
      "methodName" : "handleInternal",
      "fileName" : "RequestMappingHandlerAdapter.java",
      "lineNumber" : 829,
      "nativeMethod" : false,
      "className" :
```

```
  "org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter"
    }, {
      "classLoaderName" : "app",
      "methodName" : "handle",
      "fileName" : "AbstractHandlerMethodAdapter.java",
      "lineNumber" : 87,
      "nativeMethod" : false,
      "className" :
  "org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter"
    }, {
      "classLoaderName" : "app",
      "methodName" : "doDispatch",
      "fileName" : "DispatcherServlet.java",
      "lineNumber" : 1089,
      "nativeMethod" : false,
      "className" : "org.springframework.web.servlet.DispatcherServlet"
    }, {
      "classLoaderName" : "app",
      "methodName" : "doService",
      "fileName" : "DispatcherServlet.java",
      "lineNumber" : 979,
      "nativeMethod" : false,
      "className" : "org.springframework.web.servlet.DispatcherServlet"
    }, {
      "classLoaderName" : "app",
      "methodName" : "processRequest",
      "fileName" : "FrameworkServlet.java",
      "lineNumber" : 1014,
      "nativeMethod" : false,
      "className" : "org.springframework.web.servlet.FrameworkServlet"
    }, {
      "classLoaderName" : "app",
      "methodName" : "doGet",
      "fileName" : "FrameworkServlet.java",
      "lineNumber" : 903,
      "nativeMethod" : false,
      "className" : "org.springframework.web.servlet.FrameworkServlet"
    }, {
      "classLoaderName" : "app",
      "methodName" : "service",
      "fileName" : "HttpServlet.java",
      "lineNumber" : 527,
      "nativeMethod" : false,
      "className" : "jakarta.servlet.http.HttpServlet"
    }, {
      "classLoaderName" : "app",
      "methodName" : "service",
      "fileName" : "FrameworkServlet.java",
      "lineNumber" : 885,
      "nativeMethod" : false,
      "className" : "org.springframework.web.servlet.FrameworkServlet"
```

```
    }, {
      "classLoaderName" : "app",
      "methodName" : "service",
      "fileName" : "TestDispatcherServlet.java",
      "lineNumber" : 72,
      "nativeMethod" : false,
      "className" : "org.springframework.test.web.servlet.TestDispatcherServlet"
    }, {
      "classLoaderName" : "app",
      "methodName" : "service",
      "fileName" : "HttpServlet.java",
      "lineNumber" : 614,
      "nativeMethod" : false,
      "className" : "jakarta.servlet.http.HttpServlet"
    }, {
      "classLoaderName" : "app",
      "methodName" : "doFilter",
      "fileName" : "MockFilterChain.java",
      "lineNumber" : 165,
      "nativeMethod" : false,
      "className" : "org.springframework.mock.web.MockFilterChain$ServletFilterProxy"
    }, {
      "classLoaderName" : "app",
      "methodName" : "doFilter",
      "fileName" : "MockFilterChain.java",
      "lineNumber" : 132,
      "nativeMethod" : false,
      "className" : "org.springframework.mock.web.MockFilterChain"
    }, {
      "classLoaderName" : "app",
      "methodName" : "perform",
      "fileName" : "MockMvc.java",
      "lineNumber" : 201,
      "nativeMethod" : false,
      "className" : "org.springframework.test.web.servlet.MockMvc"
    }, {
      "classLoaderName" : "app",
      "methodName" : "jsonThreadDump",
      "fileName" : "ThreadDumpEndpointDocumentationTests.java",
      "lineNumber" : 66,
      "nativeMethod" : false,
      "className" :
"org.springframework.boot.actuate.autoconfigure.endpoint.web.documentation.ThreadDumpE
ndpointDocumentationTests"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke0",
      "fileName" : "NativeMethodAccessorImpl.java",
      "lineNumber" : -2,
      "nativeMethod" : true,
```

```json
      "className" : "jdk.internal.reflect.NativeMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "NativeMethodAccessorImpl.java",
      "lineNumber" : 77,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.NativeMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "DelegatingMethodAccessorImpl.java",
      "lineNumber" : 43,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.DelegatingMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "Method.java",
      "lineNumber" : 568,
      "nativeMethod" : false,
      "className" : "java.lang.reflect.Method"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeMethod",
      "fileName" : "ReflectionUtils.java",
      "lineNumber" : 728,
      "nativeMethod" : false,
      "className" : "org.junit.platform.commons.util.ReflectionUtils"
    }, {
      "classLoaderName" : "app",
      "methodName" : "proceed",
      "fileName" : "MethodInvocation.java",
      "lineNumber" : 60,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.execution.MethodInvocation"
    }, {
      "classLoaderName" : "app",
      "methodName" : "proceed",
      "fileName" : "InvocationInterceptorChain.java",
      "lineNumber" : 131,
      "nativeMethod" : false,
      "className" :
"org.junit.jupiter.engine.execution.InvocationInterceptorChain$ValidatingInvocation"
    }, {
      "classLoaderName" : "app",
      "methodName" : "intercept",
      "fileName" : "TimeoutExtension.java",
```

```
      "lineNumber" : 156,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.extension.TimeoutExtension"
    }, {
      "classLoaderName" : "app",
      "methodName" : "interceptTestableMethod",
      "fileName" : "TimeoutExtension.java",
      "lineNumber" : 147,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.extension.TimeoutExtension"
    }, {
      "classLoaderName" : "app",
      "methodName" : "interceptTestMethod",
      "fileName" : "TimeoutExtension.java",
      "lineNumber" : 86,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.extension.TimeoutExtension"
    }, {
      "classLoaderName" : "app",
      "methodName" : "apply",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor$$Lambda$200/0x00007f93f0
136678"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$ofVoidMethod$0",
      "fileName" : "InterceptingExecutableInvoker.java",
      "lineNumber" : 103,
      "nativeMethod" : false,
      "className" :
"org.junit.jupiter.engine.execution.InterceptingExecutableInvoker$ReflectiveIntercepto
rCall"
    }, {
      "classLoaderName" : "app",
      "methodName" : "apply",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.jupiter.engine.execution.InterceptingExecutableInvoker$ReflectiveIntercepto
rCall$$Lambda$201/0x00007f93f0136a98"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$invoke$0",
      "fileName" : "InterceptingExecutableInvoker.java",
      "lineNumber" : 93,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.execution.InterceptingExecutableInvoker"
    }, {
      "classLoaderName" : "app",
```

```
      "methodName" : "apply",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.jupiter.engine.execution.InterceptingExecutableInvoker$$Lambda$479/0x00007f
93f01e4200"
    }, {
      "classLoaderName" : "app",
      "methodName" : "proceed",
      "fileName" : "InvocationInterceptorChain.java",
      "lineNumber" : 106,
      "nativeMethod" : false,
      "className" :
"org.junit.jupiter.engine.execution.InvocationInterceptorChain$InterceptedInvocation"
    }, {
      "classLoaderName" : "app",
      "methodName" : "proceed",
      "fileName" : "InvocationInterceptorChain.java",
      "lineNumber" : 64,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.execution.InvocationInterceptorChain"
    }, {
      "classLoaderName" : "app",
      "methodName" : "chainAndInvoke",
      "fileName" : "InvocationInterceptorChain.java",
      "lineNumber" : 45,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.execution.InvocationInterceptorChain"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "fileName" : "InvocationInterceptorChain.java",
      "lineNumber" : 37,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.execution.InvocationInterceptorChain"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "fileName" : "InterceptingExecutableInvoker.java",
      "lineNumber" : 92,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.execution.InterceptingExecutableInvoker"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "fileName" : "InterceptingExecutableInvoker.java",
      "lineNumber" : 86,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.execution.InterceptingExecutableInvoker"
    }, {
      "classLoaderName" : "app",
```

```
      "methodName" : "lambda$invokeTestMethod$7",
      "fileName" : "TestMethodTestDescriptor.java",
      "lineNumber" : 218,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor$$Lambda$1013/0x00007f93f
05fb940"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "ThrowableCollector.java",
      "lineNumber" : 73,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.ThrowableCollector"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeTestMethod",
      "fileName" : "TestMethodTestDescriptor.java",
      "lineNumber" : 214,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "TestMethodTestDescriptor.java",
      "lineNumber" : 139,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "TestMethodTestDescriptor.java",
      "lineNumber" : 69,
      "nativeMethod" : false,
      "className" : "org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$6",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 151,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
```

      "methodName" : "execute",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$302/0x00007f93f01
52dd8"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "ThrowableCollector.java",
      "lineNumber" : 73,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.ThrowableCollector"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$8",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 141,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$301/0x00007f93f01
52bb0"
    }, {
      "classLoaderName" : "app",
      "methodName" : "around",
      "fileName" : "Node.java",
      "lineNumber" : 137,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.Node"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$9",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 139,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$300/0x00007f93f01
52788"

```
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "ThrowableCollector.java",
      "lineNumber" : 73,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.ThrowableCollector"
    }, {
      "classLoaderName" : "app",
      "methodName" : "executeRecursively",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 138,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 95,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "accept",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorServ
ice$$Lambda$306/0x00007f93f01538f0"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "forEach",
      "fileName" : "ArrayList.java",
      "lineNumber" : 1511,
      "nativeMethod" : false,
      "className" : "java.util.ArrayList"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeAll",
      "fileName" : "SameThreadHierarchicalTestExecutorService.java",
      "lineNumber" : 41,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorServ
ice"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$6",
      "fileName" : "NodeTestTask.java",
```

```
      "lineNumber" : 155,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$302/0x00007f93f01
52dd8"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "ThrowableCollector.java",
      "lineNumber" : 73,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.ThrowableCollector"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$8",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 141,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$301/0x00007f93f01
52bb0"
    }, {
      "classLoaderName" : "app",
      "methodName" : "around",
      "fileName" : "Node.java",
      "lineNumber" : 137,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.Node"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$9",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 139,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
```

```
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$300/0x00007f93f01
52788"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "ThrowableCollector.java",
      "lineNumber" : 73,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.ThrowableCollector"
    }, {
      "classLoaderName" : "app",
      "methodName" : "executeRecursively",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 138,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 95,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "accept",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorServ
ice$$Lambda$306/0x00007f93f01538f0"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "forEach",
      "fileName" : "ArrayList.java",
      "lineNumber" : 1511,
      "nativeMethod" : false,
      "className" : "java.util.ArrayList"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invokeAll",
      "fileName" : "SameThreadHierarchicalTestExecutorService.java",
      "lineNumber" : 41,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorServ
```

ice"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$6",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 155,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$302/0x00007f93f01
52dd8"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "ThrowableCollector.java",
      "lineNumber" : 73,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.ThrowableCollector"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$8",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 141,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "invoke",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$301/0x00007f93f01
52bb0"
    }, {
      "classLoaderName" : "app",
      "methodName" : "around",
      "fileName" : "Node.java",
      "lineNumber" : 137,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.Node"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$executeRecursively$9",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 139,

      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$300/0x00007f93f01
52788"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "ThrowableCollector.java",
      "lineNumber" : 73,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.ThrowableCollector"
    }, {
      "classLoaderName" : "app",
      "methodName" : "executeRecursively",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 138,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "NodeTestTask.java",
      "lineNumber" : 95,
      "nativeMethod" : false,
      "className" : "org.junit.platform.engine.support.hierarchical.NodeTestTask"
    }, {
      "classLoaderName" : "app",
      "methodName" : "submit",
      "fileName" : "SameThreadHierarchicalTestExecutorService.java",
      "lineNumber" : 35,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorServ
ice"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "HierarchicalTestExecutor.java",
      "lineNumber" : 57,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor"
    }, {
      "classLoaderName" : "app",

      "methodName" : "execute",
      "fileName" : "HierarchicalTestEngine.java",
      "lineNumber" : 54,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "EngineExecutionOrchestrator.java",
      "lineNumber" : 198,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.EngineExecutionOrchestrator"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "EngineExecutionOrchestrator.java",
      "lineNumber" : 169,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.EngineExecutionOrchestrator"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "EngineExecutionOrchestrator.java",
      "lineNumber" : 93,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.EngineExecutionOrchestrator"
    }, {
      "classLoaderName" : "app",
      "methodName" : "lambda$execute$0",
      "fileName" : "EngineExecutionOrchestrator.java",
      "lineNumber" : 58,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.EngineExecutionOrchestrator"
    }, {
      "classLoaderName" : "app",
      "methodName" : "accept",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" :
"org.junit.platform.launcher.core.EngineExecutionOrchestrator$$Lambda$255/0x00007f93f0
13db10"
    }, {
      "classLoaderName" : "app",
      "methodName" : "withInterceptedStreams",
      "fileName" : "EngineExecutionOrchestrator.java",
      "lineNumber" : 141,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.EngineExecutionOrchestrator"
    }, {
      "classLoaderName" : "app",

```json
      "methodName" : "execute",
      "fileName" : "EngineExecutionOrchestrator.java",
      "lineNumber" : 57,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.EngineExecutionOrchestrator"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "DefaultLauncher.java",
      "lineNumber" : 103,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.DefaultLauncher"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "DefaultLauncher.java",
      "lineNumber" : 85,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.DefaultLauncher"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "DelegatingLauncher.java",
      "lineNumber" : 47,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.DelegatingLauncher"
    }, {
      "classLoaderName" : "app",
      "methodName" : "execute",
      "fileName" : "SessionPerRequestLauncher.java",
      "lineNumber" : 63,
      "nativeMethod" : false,
      "className" : "org.junit.platform.launcher.core.SessionPerRequestLauncher"
    }, {
      "methodName" : "processAllTestClasses",
      "fileName" : "JUnitPlatformTestClassProcessor.java",
      "lineNumber" : 99,
      "nativeMethod" : false,
      "className" :
"org.gradle.api.internal.tasks.testing.junitplatform.JUnitPlatformTestClassProcessor$C
ollectAllTestClassesExecutor"
    }, {
      "methodName" : "access$000",
      "fileName" : "JUnitPlatformTestClassProcessor.java",
      "lineNumber" : 79,
      "nativeMethod" : false,
      "className" :
"org.gradle.api.internal.tasks.testing.junitplatform.JUnitPlatformTestClassProcessor$C
ollectAllTestClassesExecutor"
    }, {
      "methodName" : "stop",
```

```
      "fileName" : "JUnitPlatformTestClassProcessor.java",
      "lineNumber" : 75,
      "nativeMethod" : false,
      "className" :
"org.gradle.api.internal.tasks.testing.junitplatform.JUnitPlatformTestClassProcessor"
    }, {
      "methodName" : "stop",
      "fileName" : "SuiteTestClassProcessor.java",
      "lineNumber" : 62,
      "nativeMethod" : false,
      "className" : "org.gradle.api.internal.tasks.testing.SuiteTestClassProcessor"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke0",
      "fileName" : "NativeMethodAccessorImpl.java",
      "lineNumber" : -2,
      "nativeMethod" : true,
      "className" : "jdk.internal.reflect.NativeMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "NativeMethodAccessorImpl.java",
      "lineNumber" : 77,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.NativeMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "DelegatingMethodAccessorImpl.java",
      "lineNumber" : 43,
      "nativeMethod" : false,
      "className" : "jdk.internal.reflect.DelegatingMethodAccessorImpl"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "invoke",
      "fileName" : "Method.java",
      "lineNumber" : 568,
      "nativeMethod" : false,
      "className" : "java.lang.reflect.Method"
    }, {
      "methodName" : "dispatch",
      "fileName" : "ReflectionDispatch.java",
      "lineNumber" : 36,
      "nativeMethod" : false,
      "className" : "org.gradle.internal.dispatch.ReflectionDispatch"
    }, {
      "methodName" : "dispatch",
```

```
      "fileName" : "ReflectionDispatch.java",
      "lineNumber" : 24,
      "nativeMethod" : false,
      "className" : "org.gradle.internal.dispatch.ReflectionDispatch"
    }, {
      "methodName" : "dispatch",
      "fileName" : "ContextClassLoaderDispatch.java",
      "lineNumber" : 33,
      "nativeMethod" : false,
      "className" : "org.gradle.internal.dispatch.ContextClassLoaderDispatch"
    }, {
      "methodName" : "invoke",
      "fileName" : "ProxyDispatchAdapter.java",
      "lineNumber" : 94,
      "nativeMethod" : false,
      "className" :
"org.gradle.internal.dispatch.ProxyDispatchAdapter$DispatchingInvocationHandler"
    }, {
      "moduleName" : "jdk.proxy1",
      "methodName" : "stop",
      "lineNumber" : -1,
      "nativeMethod" : false,
      "className" : "jdk.proxy1.$Proxy2"
    }, {
      "methodName" : "run",
      "fileName" : "TestWorker.java",
      "lineNumber" : 193,
      "nativeMethod" : false,
      "className" : "org.gradle.api.internal.tasks.testing.worker.TestWorker$3"
    }, {
      "methodName" : "executeAndMaintainThreadName",
      "fileName" : "TestWorker.java",
      "lineNumber" : 129,
      "nativeMethod" : false,
      "className" : "org.gradle.api.internal.tasks.testing.worker.TestWorker"
    }, {
      "methodName" : "execute",
      "fileName" : "TestWorker.java",
      "lineNumber" : 100,
      "nativeMethod" : false,
      "className" : "org.gradle.api.internal.tasks.testing.worker.TestWorker"
    }, {
      "methodName" : "execute",
      "fileName" : "TestWorker.java",
      "lineNumber" : 60,
      "nativeMethod" : false,
      "className" : "org.gradle.api.internal.tasks.testing.worker.TestWorker"
    }, {
      "methodName" : "execute",
      "fileName" : "ActionExecutionWorker.java",
      "lineNumber" : 56,
```

```
      "nativeMethod" : false,
      "className" : "org.gradle.process.internal.worker.child.ActionExecutionWorker"
    }, {
      "methodName" : "call",
      "fileName" : "SystemApplicationClassLoaderWorker.java",
      "lineNumber" : 113,
      "nativeMethod" : false,
      "className" :
"org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker"
    }, {
      "methodName" : "call",
      "fileName" : "SystemApplicationClassLoaderWorker.java",
      "lineNumber" : 65,
      "nativeMethod" : false,
      "className" :
"org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker"
    }, {
      "classLoaderName" : "app",
      "methodName" : "run",
      "fileName" : "GradleWorkerMain.java",
      "lineNumber" : 69,
      "nativeMethod" : false,
      "className" : "worker.org.gradle.process.internal.worker.GradleWorkerMain"
    }, {
      "classLoaderName" : "app",
      "methodName" : "main",
      "fileName" : "GradleWorkerMain.java",
      "lineNumber" : 74,
      "nativeMethod" : false,
      "className" : "worker.org.gradle.process.internal.worker.GradleWorkerMain"
    } ],
    "lockedMonitors" : [ ],
    "lockedSynchronizers" : [ ]
  }, {
    "threadName" : "Reference Handler",
    "threadId" : 2,
    "blockedTime" : -1,
    "blockedCount" : 6,
    "waitedTime" : -1,
    "waitedCount" : 0,
    "lockOwnerId" : -1,
    "daemon" : true,
    "inNative" : false,
    "suspended" : false,
    "threadState" : "RUNNABLE",
    "priority" : 10,
    "stackTrace" : [ {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "waitForReferencePendingList",
      "fileName" : "Reference.java",
```

```
      "lineNumber" : -2,
      "nativeMethod" : true,
      "className" : "java.lang.ref.Reference"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "processPendingReferences",
      "fileName" : "Reference.java",
      "lineNumber" : 253,
      "nativeMethod" : false,
      "className" : "java.lang.ref.Reference"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "run",
      "fileName" : "Reference.java",
      "lineNumber" : 215,
      "nativeMethod" : false,
      "className" : "java.lang.ref.Reference$ReferenceHandler"
    } ],
    "lockedMonitors" : [ ],
    "lockedSynchronizers" : [ ]
  }, {
    "threadName" : "Finalizer",
    "threadId" : 3,
    "blockedTime" : -1,
    "blockedCount" : 1,
    "waitedTime" : -1,
    "waitedCount" : 2,
    "lockName" : "java.lang.ref.ReferenceQueue$Lock@342686f4",
    "lockOwnerId" : -1,
    "daemon" : true,
    "inNative" : false,
    "suspended" : false,
    "threadState" : "WAITING",
    "priority" : 8,
    "stackTrace" : [ {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "wait",
      "lineNumber" : -2,
      "nativeMethod" : true,
      "className" : "java.lang.Object"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "remove",
      "fileName" : "ReferenceQueue.java",
      "lineNumber" : 155,
      "nativeMethod" : false,
      "className" : "java.lang.ref.ReferenceQueue"
```

```
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "remove",
      "fileName" : "ReferenceQueue.java",
      "lineNumber" : 176,
      "nativeMethod" : false,
      "className" : "java.lang.ref.ReferenceQueue"
    }, {
      "moduleName" : "java.base",
      "moduleVersion" : "17.0.9",
      "methodName" : "run",
      "fileName" : "Finalizer.java",
      "lineNumber" : 172,
      "nativeMethod" : false,
      "className" : "java.lang.ref.Finalizer$FinalizerThread"
    } ],
    "lockedMonitors" : [ ],
    "lockedSynchronizers" : [ ],
    "lockInfo" : {
      "className" : "java.lang.ref.ReferenceQueue$Lock",
      "identityHashCode" : 874940148
    }
  } ]
}
```

25.1.1. Response Structure

The response contains details of the JVM's threads. The following table describes the structure of the response:

Path	Type	Description
threads	Array	JVM's threads.
threads.[].blockedCount	Number	Total number of times that the thread has been blocked.
threads.[].blockedTime	Number	Time in milliseconds that the thread has spent blocked. -1 if thread contention monitoring is disabled.
threads.[].daemon	Boolean	Whether the thread is a daemon thread. Only available on Java 9 or later.
threads.[].inNative	Boolean	Whether the thread is executing native code.

Path	Type	Description
`threads.[].lockName`	`String`	Description of the object on which the thread is blocked, if any.
`threads.[].lockInfo`	`Object`	Object for which the thread is blocked waiting.
`threads.[].lockInfo.className`	`String`	Fully qualified class name of the lock object.
`threads.[].lockInfo.identityHashCode`	`Number`	Identity hash code of the lock object.
`threads.[].lockedMonitors`	`Array`	Monitors locked by this thread, if any
`threads.[].lockedMonitors.[].className`	`String`	Class name of the lock object.
`threads.[].lockedMonitors.[].identityHashCode`	`Number`	Identity hash code of the lock object.
`threads.[].lockedMonitors.[].lockedStackDepth`	`Number`	Stack depth where the monitor was locked.
`threads.[].lockedMonitors.[].lockedStackFrame`	`Object`	Stack frame that locked the monitor.
`threads.[].lockedSynchronizers`	`Array`	Synchronizers locked by this thread.
`threads.[].lockedSynchronizers.[].className`	`String`	Class name of the locked synchronizer.
`threads.[].lockedSynchronizers.[].identityHashCode`	`Number`	Identity hash code of the locked synchronizer.
`threads.[].lockOwnerId`	`Number`	ID of the thread that owns the object on which the thread is blocked. `-1` if the thread is not blocked.
`threads.[].lockOwnerName`	`String`	Name of the thread that owns the object on which the thread is blocked, if any.
`threads.[].priority`	`Number`	Priority of the thread. Only available on Java 9 or later.
`threads.[].stackTrace`	`Array`	Stack trace of the thread.
`threads.[].stackTrace.[].classLoaderName`	`String`	Name of the class loader of the class that contains the execution point identified by this entry, if any. Only available on Java 9 or later.

Path	Type	Description
`threads.[].stackTrace.[].className`	`String`	Name of the class that contains the execution point identified by this entry.
`threads.[].stackTrace.[].fileName`	`String`	Name of the source file that contains the execution point identified by this entry, if any.
`threads.[].stackTrace.[].lineNumber`	`Number`	Line number of the execution point identified by this entry. Negative if unknown.
`threads.[].stackTrace.[].methodName`	`String`	Name of the method.
`threads.[].stackTrace.[].moduleName`	`String`	Name of the module that contains the execution point identified by this entry, if any. Only available on Java 9 or later.
`threads.[].stackTrace.[].moduleVersion`	`String`	Version of the module that contains the execution point identified by this entry, if any. Only available on Java 9 or later.
`threads.[].stackTrace.[].nativeMethod`	`Boolean`	Whether the execution point is a native method.
`threads.[].suspended`	`Boolean`	Whether the thread is suspended.
`threads.[].threadId`	`Number`	ID of the thread.
`threads.[].threadName`	`String`	Name of the thread.
`threads.[].threadState`	`String`	State of the thread (`NEW`, `RUNNABLE`, `BLOCKED`, `WAITING`, `TIMED_WAITING`, `TERMINATED`).
`threads.[].waitedCount`	`Number`	Total number of times that the thread has waited for notification.
`threads.[].waitedTime`	`Number`	Time in milliseconds that the thread has spent waiting. -1 if thread contention monitoring is disabled

25.2. Retrieving the Thread Dump as Text

To retrieve the thread dump as text, make a `GET` request to `/actuator/threaddump` that accepts `text/plain`, as shown in the following curl-based example:

```
$ curl 'http://localhost:8080/actuator/threaddump' -i -X GET \
    -H 'Accept: text/plain'
```

The resulting response is similar to the following:

```
HTTP/1.1 200 OK
Content-Type: text/plain;charset=UTF-8
Content-Length: 75723


2023-11-23 13:35:10
Full thread dump OpenJDK 64-Bit Server VM (17.0.9+11-LTS mixed mode, sharing):

"Test worker" - Thread t@1
    java.lang.Thread.State: RUNNABLE
    at java.management@17.0.9/sun.management.ThreadImpl.dumpThreads0(Native Method)
    at
java.management@17.0.9/sun.management.ThreadImpl.dumpAllThreads(ThreadImpl.java:521)
    at
java.management@17.0.9/sun.management.ThreadImpl.dumpAllThreads(ThreadImpl.java:509)
    at
app//org.springframework.boot.actuate.management.ThreadDumpEndpoint.getFormattedThread
Dump(ThreadDumpEndpoint.java:52)
    at
app//org.springframework.boot.actuate.management.ThreadDumpEndpoint.textThreadDump(Thr
eadDumpEndpoint.java:48)
    at java.base@17.0.9/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native
Method)
    at
java.base@17.0.9/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcce
ssorImpl.java:77)
    at
java.base@17.0.9/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMe
thodAccessorImpl.java:43)
    at java.base@17.0.9/java.lang.reflect.Method.invoke(Method.java:568)
    at
app//org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:281)
    at
app//org.springframework.boot.actuate.endpoint.invoke.reflect.ReflectiveOperationInvok
er.invoke(ReflectiveOperationInvoker.java:74)
    at
app//org.springframework.boot.actuate.endpoint.annotation.AbstractDiscoveredOperation.
invoke(AbstractDiscoveredOperation.java:60)
    at
app//org.springframework.boot.actuate.endpoint.web.servlet.AbstractWebMvcEndpointHandl
erMapping$ServletWebOperationAdapter.handle(AbstractWebMvcEndpointHandlerMapping.java:
321)
    at
app//org.springframework.boot.actuate.endpoint.web.servlet.AbstractWebMvcEndpointHandl
erMapping$OperationHandler.handle(AbstractWebMvcEndpointHandlerMapping.java:428)
```

```
    at jdk.internal.reflect.GeneratedMethodAccessor63.invoke(Unknown Source)
    at
java.base@17.0.9/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMe
thodAccessorImpl.java:43)
    at java.base@17.0.9/java.lang.reflect.Method.invoke(Method.java:568)
    at
app//org.springframework.web.method.support.InvocableHandlerMethod.doInvoke(InvocableH
andlerMethod.java:254)
    at
app//org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(In
vocableHandlerMethod.java:182)
    at
app//org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMeth
od.invokeAndHandle(ServletInvocableHandlerMethod.java:118)
    at
app//org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapte
r.invokeHandlerMethod(RequestMappingHandlerAdapter.java:917)
    at
app//org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapte
r.handleInternal(RequestMappingHandlerAdapter.java:829)
    at
app//org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(Ab
stractHandlerMethodAdapter.java:87)
    at
app//org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.ja
va:1089)
    at
app//org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.jav
a:979)
    at
app//org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.
java:1014)
    at
app//org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:903)
    at app//jakarta.servlet.http.HttpServlet.service(HttpServlet.java:527)
    at
app//org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:88
5)
    at
app//org.springframework.test.web.servlet.TestDispatcherServlet.service(TestDispatcher
Servlet.java:72)
    at app//jakarta.servlet.http.HttpServlet.service(HttpServlet.java:614)
    at
app//org.springframework.mock.web.MockFilterChain$ServletFilterProxy.doFilter(MockFilt
erChain.java:165)
    at
app//org.springframework.mock.web.MockFilterChain.doFilter(MockFilterChain.java:132)
    at app//org.springframework.test.web.servlet.MockMvc.perform(MockMvc.java:201)
    at
app//org.springframework.boot.actuate.autoconfigure.endpoint.web.documentation.ThreadD
umpEndpointDocumentationTests.textThreadDump(ThreadDumpEndpointDocumentationTests.java
```

```
:182)
    at java.base@17.0.9/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native
Method)
    at
java.base@17.0.9/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcce
ssorImpl.java:77)
    at
java.base@17.0.9/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMe
thodAccessorImpl.java:43)
    at java.base@17.0.9/java.lang.reflect.Method.invoke(Method.java:568)
    at
app//org.junit.platform.commons.util.ReflectionUtils.invokeMethod(ReflectionUtils.java
:728)
    at
app//org.junit.jupiter.engine.execution.MethodInvocation.proceed(MethodInvocation.java
:60)
    at
app//org.junit.jupiter.engine.execution.InvocationInterceptorChain$ValidatingInvocatio
n.proceed(InvocationInterceptorChain.java:131)
    at
app//org.junit.jupiter.engine.extension.TimeoutExtension.intercept(TimeoutExtension.ja
va:156)
    at
app//org.junit.jupiter.engine.extension.TimeoutExtension.interceptTestableMethod(Timeo
utExtension.java:147)
    at
app//org.junit.jupiter.engine.extension.TimeoutExtension.interceptTestMethod(TimeoutEx
tension.java:86)
    at
app//org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor$$Lambda$200/0x00007f
93f0136678.apply(Unknown Source)
    at
app//org.junit.jupiter.engine.execution.InterceptingExecutableInvoker$ReflectiveInterc
eptorCall.lambda$ofVoidMethod$0(InterceptingExecutableInvoker.java:103)
    at
app//org.junit.jupiter.engine.execution.InterceptingExecutableInvoker$ReflectiveInterc
eptorCall$$Lambda$201/0x00007f93f0136a98.apply(Unknown Source)
    at
app//org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.lambda$invoke$0(
InterceptingExecutableInvoker.java:93)
    at
app//org.junit.jupiter.engine.execution.InterceptingExecutableInvoker$$Lambda$479/0x00
007f93f01e4200.apply(Unknown Source)
    at
app//org.junit.jupiter.engine.execution.InvocationInterceptorChain$InterceptedInvocati
on.proceed(InvocationInterceptorChain.java:106)
    at
app//org.junit.jupiter.engine.execution.InvocationInterceptorChain.proceed(InvocationI
nterceptorChain.java:64)
    at
app//org.junit.jupiter.engine.execution.InvocationInterceptorChain.chainAndInvoke(Invo
```

```
cationInterceptorChain.java:45)
    at
app//org.junit.jupiter.engine.execution.InvocationInterceptorChain.invoke(InvocationIn
terceptorChain.java:37)
    at
app//org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.invoke(Intercept
ingExecutableInvoker.java:92)
    at
app//org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.invoke(Intercept
ingExecutableInvoker.java:86)
    at
app//org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$invokeTestMet
hod$7(TestMethodTestDescriptor.java:218)
    at
app//org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor$$Lambda$1013/0x00007
f93f05fb940.execute(Unknown Source)
    at
app//org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(Throwab
leCollector.java:73)
    at
app//org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.invokeTestMethod(Tes
tMethodTestDescriptor.java:214)
    at
app//org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.execute(TestMethodTe
stDescriptor.java:139)
    at
app//org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.execute(TestMethodTe
stDescriptor.java:69)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$6(NodeTestTask.java:151)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$302/0x00007f9
3f0152dd8.execute(Unknown Source)
    at
app//org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(Throwab
leCollector.java:73)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$8(NodeTestTask.java:141)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$301/0x00007f9
3f0152bb0.invoke(Unknown Source)
    at app//org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$9(NodeTestTask.java:139)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$300/0x00007f9
3f0152788.execute(Unknown Source)
    at
```

```
app//org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(Throwab
leCollector.java:73)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(No
deTestTask.java:138)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.
java:95)
    at
app//org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutor
Service$$Lambda$306/0x00007f93f01538f0.accept(Unknown Source)
    at java.base@17.0.9/java.util.ArrayList.forEach(ArrayList.java:1511)
    at
app//org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutor
Service.invokeAll(SameThreadHierarchicalTestExecutorService.java:41)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$6(NodeTestTask.java:155)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$302/0x00007f9
3f0152dd8.execute(Unknown Source)
    at
app//org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(Throwab
leCollector.java:73)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$8(NodeTestTask.java:141)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$301/0x00007f9
3f0152bb0.invoke(Unknown Source)
    at app//org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$9(NodeTestTask.java:139)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$300/0x00007f9
3f0152788.execute(Unknown Source)
    at
app//org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(Throwab
leCollector.java:73)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(No
deTestTask.java:138)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.
java:95)
    at
app//org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutor
Service$$Lambda$306/0x00007f93f01538f0.accept(Unknown Source)
    at java.base@17.0.9/java.util.ArrayList.forEach(ArrayList.java:1511)
    at
```

```
app//org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutor
Service.invokeAll(SameThreadHierarchicalTestExecutorService.java:41)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$6(NodeTestTask.java:155)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$302/0x00007f9
3f0152dd8.execute(Unknown Source)
    at
app//org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(Throwab
leCollector.java:73)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$8(NodeTestTask.java:141)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$301/0x00007f9
3f0152bb0.invoke(Unknown Source)
    at app//org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursi
vely$9(NodeTestTask.java:139)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask$$Lambda$300/0x00007f9
3f0152788.execute(Unknown Source)
    at
app//org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(Throwab
leCollector.java:73)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(No
deTestTask.java:138)
    at
app//org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.
java:95)
    at
app//org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutor
Service.submit(SameThreadHierarchicalTestExecutorService.java:35)
    at
app//org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(H
ierarchicalTestExecutor.java:57)
    at
app//org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(Hie
rarchicalTestEngine.java:54)
    at
app//org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecut
ionOrchestrator.java:198)
    at
app//org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecut
ionOrchestrator.java:169)
    at
app//org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecut
ionOrchestrator.java:93)
```

```
    at
app//org.junit.platform.launcher.core.EngineExecutionOrchestrator.lambda$execute$0(Eng
ineExecutionOrchestrator.java:58)
    at
app//org.junit.platform.launcher.core.EngineExecutionOrchestrator$$Lambda$255/0x00007f
93f013db10.accept(Unknown Source)
    at
app//org.junit.platform.launcher.core.EngineExecutionOrchestrator.withInterceptedStrea
ms(EngineExecutionOrchestrator.java:141)
    at
app//org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecut
ionOrchestrator.java:57)
    at
app//org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:103
)
    at
app//org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:85)
    at
app//org.junit.platform.launcher.core.DelegatingLauncher.execute(DelegatingLauncher.ja
va:47)
    at
app//org.junit.platform.launcher.core.SessionPerRequestLauncher.execute(SessionPerRequ
estLauncher.java:63)
    at
org.gradle.api.internal.tasks.testing.junitplatform.JUnitPlatformTestClassProcessor$Co
llectAllTestClassesExecutor.processAllTestClasses(JUnitPlatformTestClassProcessor.java
:99)
    at
org.gradle.api.internal.tasks.testing.junitplatform.JUnitPlatformTestClassProcessor$Co
llectAllTestClassesExecutor.access$000(JUnitPlatformTestClassProcessor.java:79)
    at
org.gradle.api.internal.tasks.testing.junitplatform.JUnitPlatformTestClassProcessor.st
op(JUnitPlatformTestClassProcessor.java:75)
    at
org.gradle.api.internal.tasks.testing.SuiteTestClassProcessor.stop(SuiteTestClassProce
ssor.java:62)
    at java.base@17.0.9/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native
Method)
    at
java.base@17.0.9/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcce
ssorImpl.java:77)
    at
java.base@17.0.9/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMe
thodAccessorImpl.java:43)
    at java.base@17.0.9/java.lang.reflect.Method.invoke(Method.java:568)
    at
org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:36)
    at
org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:24)
    at
org.gradle.internal.dispatch.ContextClassLoaderDispatch.dispatch(ContextClassLoaderDis
```

```
patch.java:33)
    at
org.gradle.internal.dispatch.ProxyDispatchAdapter$DispatchingInvocationHandler.invoke(
ProxyDispatchAdapter.java:94)
    at jdk.proxy1/jdk.proxy1.$Proxy2.stop(Unknown Source)
    at
org.gradle.api.internal.tasks.testing.worker.TestWorker$3.run(TestWorker.java:193)
    at
org.gradle.api.internal.tasks.testing.worker.TestWorker.executeAndMaintainThreadName(T
estWorker.java:129)
    at
org.gradle.api.internal.tasks.testing.worker.TestWorker.execute(TestWorker.java:100)
    at
org.gradle.api.internal.tasks.testing.worker.TestWorker.execute(TestWorker.java:60)
    at
org.gradle.process.internal.worker.child.ActionExecutionWorker.execute(ActionExecution
Worker.java:56)
    at
org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker.call(Syste
mApplicationClassLoaderWorker.java:113)
    at
org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker.call(Syste
mApplicationClassLoaderWorker.java:65)
    at
app//worker.org.gradle.process.internal.worker.GradleWorkerMain.run(GradleWorkerMain.j
ava:69)
    at
app//worker.org.gradle.process.internal.worker.GradleWorkerMain.main(GradleWorkerMain.
java:74)

    Locked ownable synchronizers:
    - None

"Reference Handler" - Thread t@2
    java.lang.Thread.State: RUNNABLE
    at java.base@17.0.9/java.lang.ref.Reference.waitForReferencePendingList(Native
Method)
    at
java.base@17.0.9/java.lang.ref.Reference.processPendingReferences(Reference.java:253)
    at
java.base@17.0.9/java.lang.ref.Reference$ReferenceHandler.run(Reference.java:215)

    Locked ownable synchronizers:
    - None

"Finalizer" - Thread t@3
    java.lang.Thread.State: WAITING
    at java.base@17.0.9/java.lang.Object.wait(Native Method)
    - waiting on <342686f4> (a java.lang.ref.ReferenceQueue$Lock)
    at java.base@17.0.9/java.lang.ref.ReferenceQueue.remove(ReferenceQueue.java:155)
    at java.base@17.0.9/java.lang.ref.ReferenceQueue.remove(ReferenceQueue.java:176)
```

```
                                    at
java.base@17.0.9/java.lang.ref.Finalizer$FinalizerThread.run(Finalizer.java:172)

    Locked ownable synchronizers:
     - None

"Signal Dispatcher" - Thread t@4
    java.lang.Thread.State: RUNNABLE

    Locked ownable synchronizers:
     - None

"Common-Cleaner" - Thread t@23
    java.lang.Thread.State: TIMED_WAITING
     at java.base@17.0.9/java.lang.Object.wait(Native Method)
     - waiting on <cda6100> (a java.lang.ref.ReferenceQueue$Lock)
     at java.base@17.0.9/java.lang.ref.ReferenceQueue.remove(ReferenceQueue.java:155)
     at java.base@17.0.9/jdk.internal.ref.CleanerImpl.run(CleanerImpl.java:140)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)
     at
java.base@17.0.9/jdk.internal.misc.InnocuousThread.run(InnocuousThread.java:162)

    Locked ownable synchronizers:
     - None

"Notification Thread" - Thread t@24
    java.lang.Thread.State: RUNNABLE

    Locked ownable synchronizers:
     - None

"/127.0.0.1:33236 to /127.0.0.1:36931 workers" - Thread t@26
    java.lang.Thread.State: WAITING
     at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
     - parking to wait for <2c8eb04e> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
     at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
     at
```

```
org.gradle.internal.remote.internal.hub.queue.EndPointQueue.take(EndPointQueue.java:49
)
    at
org.gradle.internal.remote.internal.hub.MessageHub$Handler.run(MessageHub.java:403)
    at
org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(Executo
rPolicy.java:64)
    at
org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:49)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1136)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - Locked <3cc1435c> (a java.util.concurrent.ThreadPoolExecutor$Worker)

"/127.0.0.1:33236 to /127.0.0.1:36931 workers Thread 2" - Thread t@27
   java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <431f2a86> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
org.gradle.internal.remote.internal.hub.queue.EndPointQueue.take(EndPointQueue.java:49
)
    at
org.gradle.internal.remote.internal.hub.MessageHub$ConnectionDispatch.run(MessageHub.j
ava:322)
    at
org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(Executo
rPolicy.java:64)
    at
org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:49)
    at
```

```
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1136)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
    - Locked <625732> (a java.util.concurrent.ThreadPoolExecutor$Worker)


"/127.0.0.1:33236 to /127.0.0.1:36931 workers Thread 3" - Thread t@28
   java.lang.Thread.State: RUNNABLE
    at java.base@17.0.9/sun.nio.ch.EPoll.wait(Native Method)
    at
java.base@17.0.9/sun.nio.ch.EPollSelectorImpl.doSelect(EPollSelectorImpl.java:118)
    at java.base@17.0.9/sun.nio.ch.SelectorImpl.lockAndDoSelect(SelectorImpl.java:129)
    - locked <438e1537> (a sun.nio.ch.Util$2)
    - locked <45566129> (a sun.nio.ch.EPollSelectorImpl)
    at java.base@17.0.9/sun.nio.ch.SelectorImpl.select(SelectorImpl.java:146)
    at
org.gradle.internal.remote.internal.inet.SocketConnection$SocketInputStream.read(Socke
tConnection.java:185)
    at com.esotericsoftware.kryo.io.Input.fill(Input.java:146)
    at com.esotericsoftware.kryo.io.Input.require(Input.java:178)
    at com.esotericsoftware.kryo.io.Input.readByte(Input.java:295)
    at
org.gradle.internal.serialize.kryo.KryoBackedDecoder.readByte(KryoBackedDecoder.java:8
8)
    at
org.gradle.internal.remote.internal.hub.InterHubMessageSerializer$MessageReader.read(I
nterHubMessageSerializer.java:64)
    at
org.gradle.internal.remote.internal.hub.InterHubMessageSerializer$MessageReader.read(I
nterHubMessageSerializer.java:52)
    at
org.gradle.internal.remote.internal.inet.SocketConnection.receive(SocketConnection.jav
a:81)
    at
org.gradle.internal.remote.internal.hub.MessageHub$ConnectionReceive.run(MessageHub.ja
va:270)
    at
org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(Executo
rPolicy.java:64)
    at
org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecutorImpl.java:49)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1136)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
```

```
       at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - Locked <1e6454ec> (a java.util.concurrent.ThreadPoolExecutor$Worker)


"process reaper" - Thread t@32
   java.lang.Thread.State: TIMED_WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <7fa7281f> (a
java.util.concurrent.SynchronousQueue$TransferStack)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:252
)
    at
java.base@17.0.9/java.util.concurrent.SynchronousQueue$TransferStack.transfer(Synchron
ousQueue.java:401)
    at
java.base@17.0.9/java.util.concurrent.SynchronousQueue.poll(SynchronousQueue.java:903)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.ja
va:1061)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1122)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None


"Attach Listener" - Thread t@33
   java.lang.Thread.State: RUNNABLE

   Locked ownable synchronizers:
    - None


"HikariPool-1 housekeeper" - Thread t@41
   java.lang.Thread.State: TIMED_WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <4c33ad71> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:252
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.awaitNanos(AbstractQueuedSynchronizer.java:1672)
    at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
```

```
e(ScheduledThreadPoolExecutor.java:1182)
    at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:899)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.ja
va:1062)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1122)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None

"boundedElastic-evictor-1" - Thread t@52
   java.lang.Thread.State: TIMED_WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <4d40c056> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:252
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.awaitNanos(AbstractQueuedSynchronizer.java:1672)
    at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:1182)
    at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:899)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.ja
va:1062)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1122)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None

"reactor-http-epoll-1" - Thread t@53
   java.lang.Thread.State: RUNNABLE
```

```
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None

"server" - Thread t@54
   java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <3b69bffe> (a java.util.concurrent.CountDownLatch$Sync)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:211)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer.acquire(Abstrac
tQueuedSynchronizer.java:715)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer.acquireSharedIn
terruptibly(AbstractQueuedSynchronizer.java:1047)
    at
java.base@17.0.9/java.util.concurrent.CountDownLatch.await(CountDownLatch.java:230)
    at
app//reactor.core.publisher.BlockingSingleSubscriber.blockingGet(BlockingSingleSubscri
ber.java:90)
    at app//reactor.core.publisher.Mono.block(Mono.java:1728)
    at
app//org.springframework.boot.web.embedded.netty.NettyWebServer$1.run(NettyWebServer.j
ava:220)

   Locked ownable synchronizers:
    - None

"reactor-http-epoll-2" - Thread t@55
   java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
```

```
316)
        at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
        at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
        at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
        at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
        at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
        - None

"reactor-http-epoll-3" - Thread t@56
    java.lang.Thread.State: RUNNABLE
        at app//io.netty.channel.epoll.Native.epollWait(Native Method)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
        at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
        at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
        at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
        at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
        at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
        at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
        - None

"reactor-http-epoll-4" - Thread t@57
    java.lang.Thread.State: RUNNABLE
        at app//io.netty.channel.epoll.Native.epollWait(Native Method)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
        at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
        at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
        at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
        at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
        at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
```

```
       at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"reactor-http-epoll-5" - Thread t@58
    java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"reactor-http-epoll-6" - Thread t@59
    java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"reactor-http-epoll-7" - Thread t@60
    java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
```

```
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
        at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
        at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
        at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
        at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
        at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
        at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
        - None

"reactor-http-epoll-8" - Thread t@61
    java.lang.Thread.State: RUNNABLE
        at app//io.netty.channel.epoll.Native.epollWait(Native Method)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
        at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
        at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
        at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
        at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
        at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
        at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
        - None

"reactor-http-epoll-9" - Thread t@62
    java.lang.Thread.State: RUNNABLE
        at app//io.netty.channel.epoll.Native.epollWait(Native Method)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
        at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
        at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
        at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
        at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
        at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
```

```
      at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
      at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-10" - Thread t@63
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-11" - Thread t@64
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-12" - Thread t@65
```

```
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-13" - Thread t@66
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-14" - Thread t@67
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
```

```
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
    - None

"reactor-http-epoll-15" - Thread t@68
   java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
    - None

"reactor-http-epoll-16" - Thread t@69
   java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
```

```
     - None

"reactor-http-epoll-17" - Thread t@70
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-18" - Thread t@71
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-19" - Thread t@72
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
```

316)
```
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"reactor-http-epoll-20" - Thread t@73
    java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"reactor-http-epoll-21" - Thread t@74
    java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
```

```
      at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None


"reactor-http-epoll-22" - Thread t@75
   java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None


"reactor-http-epoll-23" - Thread t@76
   java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None


"reactor-http-epoll-24" - Thread t@77
   java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
```

```
at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
    - None

"reactor-http-epoll-25" - Thread t@78
    java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
    - None

"reactor-http-epoll-26" - Thread t@79
    java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
```

```
      at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
      at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-27" - Thread t@80
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-28" - Thread t@81
   java.lang.Thread.State: RUNNABLE
     at app//io.netty.channel.epoll.Native.epollWait(Native Method)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
     at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
     at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
     at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
     at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
     at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
     at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"reactor-http-epoll-29" - Thread t@82
```

```
    java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"reactor-http-epoll-30" - Thread t@83
    java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"reactor-http-epoll-31" - Thread t@84
    java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
```

```
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
    - None

"reactor-http-epoll-32" - Thread t@85
   java.lang.Thread.State: RUNNABLE
    at app//io.netty.channel.epoll.Native.epollWait(Native Method)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:209)
    at app//io.netty.channel.epoll.Native.epollWait(Native.java:202)
    at
app//io.netty.channel.epoll.EpollEventLoop.epollWaitNoTimerChange(EpollEventLoop.java:
316)
    at app//io.netty.channel.epoll.EpollEventLoop.run(EpollEventLoop.java:373)
    at
app//io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecuto
r.java:997)
    at app//io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74)
    at
app//io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLocalRunnable.java
:30)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
    - None

"boundedElastic-1" - Thread t@86
   java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <7dc88f5c> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
```

```
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:1170)
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:899)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.ja
va:1062)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1122)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
     - None

"Catalina-utility-1" - Thread t@88
   java.lang.Thread.State: TIMED_WAITING
     at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
     - parking to wait for <2cc1fdb1> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
     at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:252
)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.awaitNanos(AbstractQueuedSynchronizer.java:1672)
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:1182)
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:899)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.ja
va:1062)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1122)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
     at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)
```

```
    Locked ownable synchronizers:
     - None

"Catalina-utility-2" - Thread t@89
    java.lang.Thread.State: WAITING
     at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
     - parking to wait for <2cc1fdb1> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
     at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:1177)
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:899)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.ja
va:1062)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1122)
     at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
     at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"container-0" - Thread t@90
    java.lang.Thread.State: TIMED_WAITING
     at java.base@17.0.9/java.lang.Thread.sleep(Native Method)
     at app//org.apache.catalina.core.StandardServer.await(StandardServer.java:564)
     at
app//org.springframework.boot.web.embedded.tomcat.TomcatWebServer$1.run(TomcatWebServe
```

```
r.java:197)

    Locked ownable synchronizers:
     - None

"http-nio-auto-1-exec-1" - Thread t@91
    java.lang.Thread.State: WAITING
     at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
     - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
     at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
     at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
     at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
     at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
     at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"http-nio-auto-1-exec-2" - Thread t@92
    java.lang.Thread.State: WAITING
     at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
     - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
```

```
        at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
        at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
        at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
        at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
        at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
        at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
        at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
        at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
        at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
        at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
        at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
        at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
        at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
        - None

"http-nio-auto-1-exec-3" - Thread t@93
    java.lang.Thread.State: WAITING
        at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
        - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
        at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
        at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
        at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
        at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
```

)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
    at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"http-nio-auto-1-exec-4" - Thread t@94
    java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
    at

```
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
     at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None

"http-nio-auto-1-exec-5" - Thread t@95
   java.lang.Thread.State: WAITING
     at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
     - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
     at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
     at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
     at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
     at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
     at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
     at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
     at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
     at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
```

```
)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
    - None

"http-nio-auto-1-exec-6" - Thread t@96
   java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
    at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

  Locked ownable synchronizers:
    - None

"http-nio-auto-1-exec-7" - Thread t@97
   java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <67c8ca0f> (a
```

```
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
    at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"http-nio-auto-1-exec-8" - Thread t@98
    java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
```

```
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
    at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None

"http-nio-auto-1-exec-9" - Thread t@99
   java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
```

```
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
    at
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None

"http-nio-auto-1-exec-10" - Thread t@100
   java.lang.Thread.State: WAITING
    at java.base@17.0.9/jdk.internal.misc.Unsafe.park(Native Method)
    - parking to wait for <67c8ca0f> (a
java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject)
    at
java.base@17.0.9/java.util.concurrent.locks.LockSupport.park(LockSupport.java:341)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionNode.b
lock(AbstractQueuedSynchronizer.java:506)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.unmanagedBlock(ForkJoinPool.java:34
65)
    at
java.base@17.0.9/java.util.concurrent.ForkJoinPool.managedBlock(ForkJoinPool.java:3436
)
    at
java.base@17.0.9/java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject
.await(AbstractQueuedSynchronizer.java:1623)
    at
java.base@17.0.9/java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.jav
a:435)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:117)
    at app//org.apache.tomcat.util.threads.TaskQueue.take(TaskQueue.java:33)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.getTask(ThreadPoolExecutor.java
:1114)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.ja
va:1176)
    at
app//org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.j
ava:659)
    at
```

```
app//org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61
)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"http-nio-auto-1-Poller" - Thread t@101
    java.lang.Thread.State: RUNNABLE
     at java.base@17.0.9/sun.nio.ch.EPoll.wait(Native Method)
     at
java.base@17.0.9/sun.nio.ch.EPollSelectorImpl.doSelect(EPollSelectorImpl.java:118)
     at java.base@17.0.9/sun.nio.ch.SelectorImpl.lockAndDoSelect(SelectorImpl.java:129)
     - locked <11281f47> (a sun.nio.ch.Util$2)
     - locked <28a3c051> (a sun.nio.ch.EPollSelectorImpl)
     at java.base@17.0.9/sun.nio.ch.SelectorImpl.select(SelectorImpl.java:141)
     at app//org.apache.tomcat.util.net.NioEndpoint$Poller.run(NioEndpoint.java:758)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - None

"http-nio-auto-1-Acceptor" - Thread t@102
    java.lang.Thread.State: RUNNABLE
     at java.base@17.0.9/sun.nio.ch.Net.accept(Native Method)
     at
java.base@17.0.9/sun.nio.ch.ServerSocketChannelImpl.implAccept(ServerSocketChannelImpl
.java:425)
     at
java.base@17.0.9/sun.nio.ch.ServerSocketChannelImpl.accept(ServerSocketChannelImpl.jav
a:391)
     at
app//org.apache.tomcat.util.net.NioEndpoint.serverSocketAccept(NioEndpoint.java:521)
     at
app//org.apache.tomcat.util.net.NioEndpoint.serverSocketAccept(NioEndpoint.java:79)
     at app//org.apache.tomcat.util.net.Acceptor.run(Acceptor.java:128)
     at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

    Locked ownable synchronizers:
     - Locked <bac9c81> (a java.util.concurrent.locks.ReentrantLock$NonfairSync)

"pool-4-thread-1" - Thread t@107
    java.lang.Thread.State: RUNNABLE
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.sif
tDown(ScheduledThreadPoolExecutor.java:998)
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.fin
ishPoll(ScheduledThreadPoolExecutor.java:1145)
     at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
```

```
e(ScheduledThreadPoolExecutor.java:1174)
    at
java.base@17.0.9/java.util.concurrent.ScheduledThreadPoolExecutor$DelayedWorkQueue.tak
e(ScheduledThreadPoolExecutor.java:899)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.getTask(ThreadPoolExecutor.ja
va:1062)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.
java:1122)
    at
java.base@17.0.9/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor
.java:635)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - Locked <2a15b749> (a java.util.concurrent.locks.ReentrantLock$NonfairSync)

"Thread-58" - Thread t@110
   java.lang.Thread.State: TIMED_WAITING
    at java.base@17.0.9/java.lang.Thread.sleep(Native Method)
    at
app//org.springframework.boot.actuate.context.ShutdownEndpoint.performShutdown(Shutdow
nEndpoint.java:57)
    at
app//org.springframework.boot.actuate.context.ShutdownEndpoint$$Lambda$2107/0x00007f93
f0b66e98.run(Unknown Source)
    at java.base@17.0.9/java.lang.Thread.run(Thread.java:840)

   Locked ownable synchronizers:
    - None
```