

## Java version

```
PS C:\projets\QEES\sources\helloquarkus\helloquarkus-src\target\quarkus-app> java -version
```

openjdk version "17.0.3" 2022-04-19

OpenJDK Runtime Environment Temurin-17.0.3+7 (build 17.0.3+7)

OpenJDK 64-Bit Server VM Temurin-17.0.3+7 (build 17.0.3+7, mixed mode, sharing)

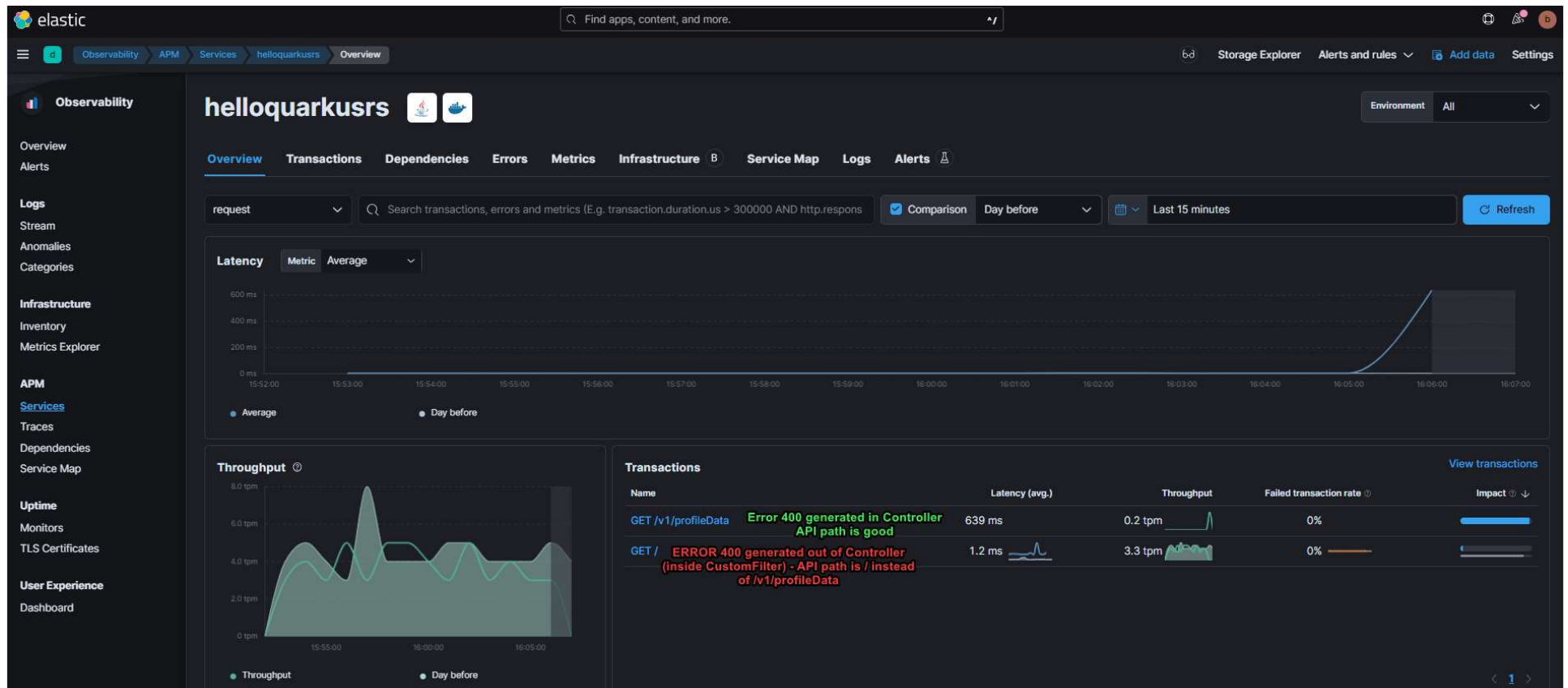
**Once app is launched :**

```
java -jar quarkus-run.jar
```

```
PS C:\projets\QEES\sources\helloquarkus\helloquarkus-src\target\quarkus-app> java -jar .\quarkus-run.jar

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-/ /_ / // / _ _ || , _ / , < / // / ^ \
--\ _ _ \ \ _ _ _ / / | _ / | _ / | _ | \ _ _ _ / _ _ /
2023-07-05 16:31:24,523 INFO [io.quarkus] (main) helloquarkus 1.0.0 on JVM (powered by Quarkus 2.7.5.Final) started in
0.648s. Listening on: http://0.0.0.0:8080
2023-07-05 16:31:24,546 INFO [io.quarkus] (main) Profile prod activated.
2023-07-05 16:31:24,546 INFO [io.quarkus] (main) Installed features: [cdi, resteasy-reactive, smallrye-context-propagat
ion, vertx]
```

You can launch requests details below to reproduce the use cases.



In case of the 400 is generated out the controller, the path is not correctly filled in especially in the transaction.name and labels.http\_route

In case of the 400 is generated out the controller, the path is OK.

Please find details of the two use cases below.

# 400 out of Controller

For generating a 400 out of controller (inside custom filter) just request :

<https://localhost/v1/profileData>

with no header get\_400

HTTP Tests BEHL / Generate 400 out of Controller (in CustomFilter)

Save

GET ▼ https://localhost/v1/profileData Send ▼

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Headers 6 hidden

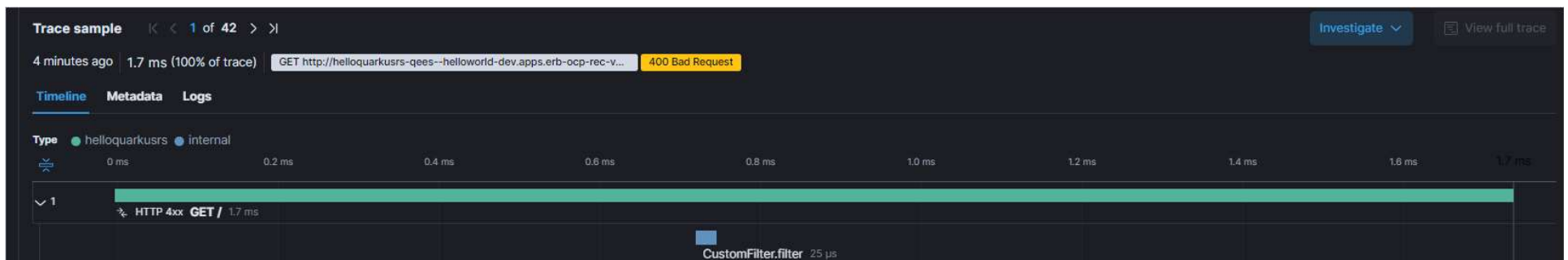
	Key	Value	Description	...	Bulk Edit	Presets
<input type="checkbox"/>	get_400	true				
	Key	Value	Description			

Body Cookies (1) Headers (6) Test Results 400 Bad Request 237 ms 260 B Save as Example

Pretty Raw Preview Visualize JSON ▼

1

```
Controller.java CustomFilter.java x
1 package com.apm.filters;
2
3 > import ...
10
11 jfrere
12 @Provider
13 @Priority(Priorities.AUTHORIZATION)
14 public class CustomFilter implements ContainerRequestFilter {
15     jfrere
16     @Override
17     public void filter(ContainerRequestContext requestContext) throws IOException {
18         if(requestContext.getHeaderString("get_400") != null) {
19             requestContext.abortWith(Response.status(400).build());
20         }
21     }
22 }
```



Trace details :

Transaction details

Investigate

http://helloquarkusrs-qees--helloworld-dev.apps.erb-ocp-rec-vdr-s2.erable.si.fr.intraorange/v1/profileData

Service

Transaction

helloquarkusrs

GET /

6 minutes ago

1.7 ms (100% of trace)

GET http://helloquarkusrs-qees--helloworld-dev.apps.erb-ocp-rec-v...

400 Bad Request

Metadata

Filter...

How to add labels and other data

labels

labels.http_route	/
labels.net_protocol_name	http
labels.net_protocol_version	1.1
labels.net_sock_host_addr	127.0.0.1
labels.net_sock_peer_addr	127.0.0.1
labels.net_transport	ip_tcp
labels.process_command_args	/opt/java/openjdk/bin/java -Dlog4j.configurationFile=/opt/application/erable/storage/conf/technique/log4j2.xml -jar /deployments/quarkus-run.jar
labels.process_runtime_description	Eclipse Adoptium OpenJDK 64-Bit Server VM 11.0.19+7
labels.telemetry_auto_version	1.27.0
labels.thread_name	vert.x-eventloop-thread-0
labels.user_agent_original	PostmanRuntime/7.32.3

@timestamp

@timestamp

2023-07-05T14:07:01.752Z

agent

agent.name	opentelemetry/java
agent.version	1.27.0

client

client.ip	10.110.177.247
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container

container.id	128275b5fdac604381538b2e0045ed08878638805084b820d675f329dd2d6066
--------------	--

data\_stream

data_stream.dataset	apm
data_stream.namespace	default
data_stream.type	traces

ecs

ecs.version	1.12.0
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event

event.agent_id_status	missing
event.ingested	2023-07-05T14:07:04Z
event.outcome	success

host

host.architecture	amd64
host.hostname	helloquarkusr-61-57qjd
host.name	helloquarkusr-61-57qjd
host.os.full	Linux 4.18.0-305.72.1.el8_4.x86_64
host.os.full.text	Linux 4.18.0-305.72.1.el8_4.x86_64
host.os.platform	linux
host.os.type	linux

http

http.request.method	GET
http.response.status_code	400

numeric\_labels

numeric_labels.http_request_content_length	0
numeric_labels.http_response_content_length	0
numeric_labels.net_sock_host_port	8080
numeric_labels.net_sock_peer_port	40540
numeric_labels.thread_id	29

observer

observer.ephemeral_id	59459f67-913f-404b-8909-b0dec2dee8de
observer.hostname	dverbqs00b0001l
observer.id	d91303a6-7c54-4b6b-ad84-1a050fb11191
observer.type	apm-server
observer.version	8.5.1

process

process.executable	/opt/java/openjdk/bin/java
process.pid	7

processor

processor.event	transaction
processor.name	transaction

service

service.environment	dev
service.framework.name	io.opentelemetry.netty-4.1
service.framework.version	1.27.0-alpha
service.language.name	java
service.name	helloquarkusrs
service.node.name	128275b5fdac604381538b2e0045ed08878638805084b820d675f329dd2d6066
service.runtime.name	OpenJDK Runtime Environment
service.runtime.version	11.0.19+7
service.version	apm_reactive

tags

tags	_geoip_database_unavailable_GeoLite2-City.mmdb
------	--

timestamp

timestamp.us	1688566021752244
--------------	------------------



trace

trace.id	1c49b983e8dd9f497b802d357ab9d054
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transaction

transaction.duration.us	1737
transaction.id	f9d47416fe769500
transaction.name	GET /
transaction.name.text	GET /
transaction.result	HTTP 4xx
transaction.sampled	true
transaction.type	request

url

url.domain	helloquarkusrs-qees--helloworld-dev.apps.erb-ocp-rec-vdr-s2.erable.si.fr.intraorange
url.full	http://helloquarkusrs-qees--helloworld-dev.apps.erb-ocp-rec-vdr-s2.erable.si.fr.intraorange/v1/profileData
url.full.text	http://helloquarkusrs-qees--helloworld-dev.apps.erb-ocp-rec-vdr-s2.erable.si.fr.intraorange/v1/profileData
url.original	/v1/profileData
url.original.text	/v1/profileData
url.path	/v1/profileData
url.scheme	http

\*

# 400 inside Controller

For generating a 400 inside the controller just request :

<https://localhost/v1/profileData>

with header

name: get\_400

value: true

Tests BEHL / Generate 400 inside Controller

Save

GET

https://localhost/v1/profileData

Save request

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Headers

6 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	get_400	true				
	Key	Value	Description			

Body

Cookies (1)

Headers (6)

Test Results

400 Bad Request

235 ms

261 B

Save as Example

Pretty

Raw

Preview

Visualize

JSON

```
1 package com.apm.controllers;
2
3 > import ...
4
5
6
7 @Path("/v1/profileData")
8 public class Controller {
9
10     @GET
11     @Produces(MediaType.APPLICATION_JSON)
12     public Response getOk() { return Response.status(400).build(); }
13
14 }
15
16
```



Transaction details

Transaction details

Investigate

Filter...

How to add labels and other data

labels

labels.http_route	/v1/profileData
labels.net_protocol_name	http
labels.net_protocol_version	1.1
labels.net_sock_host_addr	127.0.0.1
labels.net_transport	ip_tcp
labels.process_command_args	/opt/java/openjdk/bin/java -Dlog4j.configurationFile=/opt/application/erale/storage/conf/technique/log4j2.xml -jar /deployments/quarkus-run.jar
labels.process_runtime_description	Eclipse Adoptium OpenJDK 64-Bit Server VM 11.0.19+7
labels.telemetry_auto_version	1.27.0
labels.thread_name	vert.x-eventloop-thread-0
labels.user_agent_original	python-requests/2.31.0

@timestamp

@timestamp	2023-07-05T14:16:17.370Z
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agent

agent.name	opentelemetry/java
agent.version	1.27.0

client

client.ip	127.0.0.1
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container

container.id	128275b5fdac604381538b2e0045ed08878638805084b820d675f329dd2d6066
--------------	--

\*

data\_stream

data_stream.dataset	apm
data_stream.namespace	default
data_stream.type	traces

ecs

ecs.version	1.12.0
-------------	--------

event

event.agent_id_status	missing
event.ingested	2023-07-05T14:16:20Z
event.outcome	success

host

host.architecture	amd64
host.hostname	helloquarkusrs-61-57qjd
host.name	helloquarkusrs-61-57qjd
host.os.full	Linux 4.18.0-305.72.1.el8_4.x86_64
host.os.full.text	Linux 4.18.0-305.72.1.el8_4.x86_64
host.os.platform	linux
host.os.type	linux

http

http.request.method	GET
http.response.status_code	400

## numeric\_labels

numeric_labels.http_request_content_length	0
numeric_labels.http_response_content_length	0
numeric_labels.net_sock_host_port	8080
numeric_labels.net_sock_peer_port	40540
numeric_labels.thread_id	29

## observer

observer.ephemeral_id	59459f67-913f-404b-8909-b0dec2dee8de
observer.hostname	dverbqs00b0001l
observer.id	d91303a6-7c54-4b6b-ad84-1a050fb11191
observer.type	apm-server
observer.version	8.5.1

## process

process.executable	/opt/java/openjdk/bin/java
process.pid	7

## processor

processor.event	transaction
processor.name	transaction

## service

service.environment	dev
service.framework.name	io.opentelemetry.netty-4.1
service.framework.version	1.27.0-alpha
service.language.name	java
service.name	helloquarkusrs
service.node.name	128275b5fdac604381538b2e0045ed08878638805084b820d675f329dd2d6066
service.runtime.name	OpenJDK Runtime Environment
service.runtime.version	11.0.19+7
service.version	apm_reactive

## tags

tags	_geoip_database_unavailable_GeoLite2-City.mmdb
------	--

## timestamp

timestamp.us	1688566577370671
--------------	------------------

trace	
trace.id	40c96c9a4a9928aa773d9feab564553e
transaction	
transaction.duration.us	2025
transaction.id	0559963f025699e5
transaction.name	GET /v1/profileData
transaction.name.text	GET /v1/profileData
transaction.result	HTTP 4xx
transaction.sampled	true
transaction.type	request
url	
url.domain	helloquarkusrs.qees--helloworld-dev
url.full	http://helloquarkusrs.qees--helloworld-dev/v1/profileData
url.full.text	http://helloquarkusrs.qees--helloworld-dev/v1/profileData
url.original	/v1/profileData
url.original.text	/v1/profileData
url.path	/v1/profileData
url.scheme	http