MicroProfile OpenTracing

OpenTracing is a standardized API that allows developers to instrument their own services for distributed tracing. With distributed tracing, you can troubleshoot your services by logging the requests.

`@Traced` annotation specify a class or method to be traced and has two arguments, which are optional.

value	Defaults to true
operationName	Name of the span, default is ""

```
@GET
@Produces(MediaType.APPLICATION_JSON)
@Traced(operationName = "booksOperation")
public Response books() throws MalformedURLException {
    return Response.ok(bookStoreService.getAll()).build();
}
```

We can use tracing tools like Zipkin or Jaeger to monitor and troubleshoot latency problems in distributed systems.

Zipkin	https://zipkin.apache.org/
Jaeger	https://www.jaegertracing.io/

Summary

In this chapter, we learned how to troubleshoot services using MicroProfile OpenTracing.