

# Logging

<https://nicovasq.github.io/logging-example/> - GitHub Pages

## Log4J

*pom.xml*

Setting up the log4j property file

## SLF4J

Logging facade

## Using SLF4J in Quarkus

### Setup / Config

The configuring is done in the application.properties

```
# Configuration file
# key = value

# root logger
quarkus.log.level=INFO

# Logger configuration for 'at.html'
quarkus.log.category."at.html".level=DEBUG

quarkus.log.console.level=DEBUG
quarkus.log.console.enable=true
quarkus.log.console.format=%d{HH:mm:ss} %-5p [%c{2.}] (%t) %s%n
```

### Usage

Defining the logger in our class

```
private static final Logger logger = LoggerFactory.getLogger(GuitarEndpoint.class);
```

Using the logger in the **add** method

```
public Response add(Guitar guitar){  
  
    logger.debug("Entering add method"); ①  
  
    try {  
        service.save(guitar);  
  
        logger.info("Save successful: " + guitar.toString()); ②  
  
        return Response.ok().entity(guitar).build();  
  
    } catch (Exception ex){  
        logger.error("Error while saving: " + ex.getMessage()); ③  
  
        return Response.status(400).build();  
    }  
}
```

① Entering the method log (level: debug)

② Info that the save was successful

③ Error that the save was unsuccessful

More information can be found at the [Quarkus Logging](#) site.