Pom.xml

<project xmlns="http://maven.apache.org/POM/4.0.0">

<modelVersion>4.0.0</modelVersion>

<groupId>com.example</groupId>

<artifactId>http-demo</artifactId>

<version>1.0.0</version>

<packaging>jar</packaging>

<properties>

<java.version>17</java.version>

</properties>

<dependencies>

<!-- Spring Boot Starter Web -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<!-- Logging -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-logging</artifactId>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

</plugin>

</plugins>

</build>

</project>

HelloController.java:

package com.example.httpdemo.controller;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.http.MediaType;

import org.springframework.web.bind.annotation.\*;

import javax.servlet.http.HttpServletRequest;

import java.time.LocalDateTime;

import java.util.HashMap;

import java.util.Map;

@RestController

public class HelloController {

private static final Logger LOGGER = LoggerFactory.getLogger(HelloController.class);

@GetMapping(value = "/hello.txt", produces = MediaType.TEXT\_PLAIN\_VALUE)

public String getText(HttpServletRequest request) {

logRequest(request);

return "Hello World! My payload includes a trailing CRLF.";

}

@GetMapping(value = "/hello.json", produces = MediaType.APPLICATION\_JSON\_VALUE)

public Map<String, Object> getJson(HttpServletRequest request) {

logRequest(request);

Map<String, Object> response = new HashMap<>();

response.put("message", "Hello World!");

response.put("timestamp", LocalDateTime.now());

return response;

}

private void logRequest(HttpServletRequest request) {

LOGGER.info("---- HTTP REQUEST ----");

LOGGER.info("Method : {}", request.getMethod());

LOGGER.info("URL : {}", request.getRequestURL());

LOGGER.info("Protocol : {}", request.getProtocol());

LOGGER.info("User-Agent : {}", request.getHeader("User-Agent"));

LOGGER.info("Host : {}", request.getHeader("Host"));

LOGGER.info("----------------------");

}

}