

Kibernetum NCR Application Testing

1- Introduction

Rest API that send commands to a MQTT Server

2- Overview

This API was developed in Spring Boot framework and free MQTT server for testing (test.mosquitto.org)

3- Authentication

No authentication method enabled

4- Error Codes

400 Bad Request: Error in Json request or missing required parameter

5- Rate limit

There is not rate limit

6- Rest Services

POST

<http://localhost:8080/api/send>

6.1- JSON Request:

```
{  
    "destination": "kbb_client",  
    "command": "test",  
    "sender": "pc"  
}
```

6.2- JSON Response Http Created (201):

```
{  
    "message": "",  
    "data": {  
        "sender": "pc",  
        "destination": "kbb_client",  
        "command": "test"  
    },  
    "status": 201  
}
```

6.2- JSON Response: Http Bad Request (400) Error in Json Request:

```
{  
    "message": "Missing Parameters",  
    "data": null,  
    "status": 400  
}
```

6.3- JSON Response: Http Internal Server Error(404) Error in MQTT Server:

```
{  
    "message": "Error in Mqtt Server",  
    "data": null,  
    "status": 404  
}
```

6.4- JSON Response: Http Internal Server Error(404) Error in Json data processing:

```
{  
    "message": "Error in Mqtt Server",  
    "data": null,  
    "status": 404  
}
```

6.5- JSON Response: Http Internal Server Error(404):

```
{  
    "message": "Internal Server Error",  
    "data": null,  
    "status": 404  
}
```