

# Check system status for Hermod

This article describes how to run health check and check logs and statistics for [Hermod](#).

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## Links

- [JSON formatter](#)

### View application information

1. To check that Hermod is alive, and view the running instance id and version, use the following command. Make sure to use the correct port:

#### Example: Health check

```
GET https://my-hermod-server:20400/<contextPath>/info
```

```
Response 200 OK
```

```
Body
```

```
{
  "id": "hermod.6d99c1",
  "build": {
    "version": "2.0.0.RELEASE",
    "artifact": "cod-hermod",
    "name": "Cod Hermod",
    "group": "com.nexusgroup.cod.hermod",
    "time": 1497432675000
  }
}
```

### Check application health

1. To check health information and status for the running Hermod, use the following command. Make sure to use the correct port:

### Example: Health check

GET https://my-hermod-server:20400/<contextPath>/health

```
{
  "status": "UP",
  "diskSpace": {
    "status": "UP",
    "total": 15442378752,
    "free": 2757484544,
    "threshold": 10485760
  },
  "db": {
    "status": "UP",
    "database": "PostgreSQL",
    "hello": 1
  },
  "configServer": {
    "status": "UP",
  },
  "hystrix": {
    "status": "UP"
  }
}
```

These are the built-in statuses:

| Status         |
|----------------|
| DOWN           |
| OUT_OF_SERVICE |
| UP             |
| UNKNOWN        |

▼ Check logs

1. To check the logs:

#### Example: Check logs

```
# Login to the host
ssh user@machine
su - docker

# Check logs
cd compose/hermod
docker-compose logs -f --tail=100
```

#### ▼ Check metrics

Hermod stores metrics since the last restart. These can be viewed via a http request.

1. To view the Hermod metrics:

### Example: Check metrics

```
# Find the current port for an Hermod instance (33700
in this case)
docker-compose ps | grep hermod_hermod
hermod_hermod_1          ./fatjar-entrypoint.sh app
...    Up                0.0.0.0:33700->20400/tcp

# Use curl to get metrics (You can use
https://jsonformatter.curiousconcept.com/ to format the
output)
curl http://localhost:33600/<contextPath>/metrics

{
  "mem":673568,
  "mem.free":336830,
  "processors":2,
  "instance.uptime":57997012,
  "uptime":58006488,
  "systemload.average":0.0,
  "heap.committed":579072,
  "heap.init":112640,
  "heap.used":242241,
  "heap":1585664,
  "nonheap.committed":96768,
  "nonheap.init":2496,
  "nonheap.used":94496,
  "nonheap":0,
  "threads.peak":50,
  "threads.daemon":23,
  "threads.totalStarted":2493,
  "threads":49,
  "classes":10343,
  "classes.loaded":10343,
  "classes.unloaded":0,
  "gc.ps_scavenge.count":22,
  "gc.ps_scavenge.time":294,
  "gc.ps_marksweep.count":2,
  "gc.ps_marksweep.time":142,
  ...
}
```