

MetricNode – CPU & Memory

Application Snapshot:

Store Button: Will Store data in system.

Read Data Button: Will retrieve data in system based on Request Id.

Record save is in process, your Request id is 09092013-103408464

Request id:	<input type="text"/>
Enter CPU Core 1:	<input type="text" value="20"/>
Enter CPU Core 2:	<input type="text" value="40"/>
Enter Free Memory Space:	<input type="text" value="1GM"/>
Enter Used Memory Space:	<input type="text" value="2GM"/>

Store Data

Read Data

Record found for requestID# 09092013-103408464.

Request id:	<input type="text" value="09092013-103408464"/>
Enter CPU Core 1:	<input type="text" value="20"/>
Enter CPU Core 2:	<input type="text" value="40"/>
Enter Free Memory Space:	<input type="text" value="1GM"/>
Enter Used Memory Space:	<input type="text" value="2GM"/>

Store Data

Read Data

SETUP AND DESIGN:

Setup Requirement:

- JDK1.6
- TOMCAT SERVER 7
- MYSQL Server

External Libraries \ Jar:

- Apache Commons - commons-collections.jar
- Apache Commons - commons-lang.jar
- Jersey- REST
- JUNIT - junit-4.10.jar
- LOG4J - log4j-1.2.16.jar
- JQUERY - AJAX
- mysql-connector-java-5.1.18-bin.jar

Build Requirement:

- Execute SQL script in MySQL Server: **MetricsSQL.sql**
- Deploy: **MetricNodes.war & MetricNodesClient.war**

REST URL for Test:

Post URL: <http://localhost:8080/MetricNodes/>

Read CPU URL: <http://localhost:8080/MetricNodes/metric/cpu/1>

Read Request URL: <http://localhost:8080/MetricNodes/metric/12>

Client Application URL:

<http://localhost:8080/MetricNodesClient/>

Attachment:

- MetricsSQL.sql
- MetricNodes.war
- MetricNodesClient.war

DESIGN:

