

EMPLOYEE DATABASE

INTRODUCTION

This project contains the CRUD operations on JsonPowerDB. This is a sample project with basics operations such as add, delete and update.

BENEFITS OF USING JsonPowerDB

JsonPowerDB (JPDB) is Next Generation, Creative and Disruptive Multi-mode DBMS_ with many USPs.

- Proprietary algorithm for High Performance CRUD operations. Multiple times faster than popular DBMS.
- Serverless support for faster development - A UI developer can develop complete dynamic application.
- DBMS with built in web / application server and embedded caching makes the performance lightning fast.
- Server-side Native NoSQL - best query performance.
- In-built support to query on multiple JPDB databases.
- Multi-mode DBMS - Document DB, Key-Value DB, RDBMS support.
- Schema free - easy to develop and maintain.
- Web-services API - Can be used with any programming language that has support for HTTP.
- Enriched by a pluggable API Framework - A developer can develop a pluggable API and plugin into any of our cloud JPDB instance.
- Standardisation of API development framework makes the development process easy, more readable, and less error prone.
- Multiple security layers.
- Nimble, Simple to use, In Memory, Real-time DBMS.

SNAPSHOTS

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EMPLOYEE DATABASE

Employee ID:

Employee Name:

Email:

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EMPLOYEE DATABASE

Employee ID:

Employee Name:

Email:

localhost:8383 says

```
{
  "token": "90936116[-31948821303138555]90944099",
  "dbName": "SAMPLE",
  "cmd": "PUT",
  "rel": "EMP_REL",
  "jsonStr": {
    "empld": "102",
    "empName": "Veda Krishnamurthy",
    "empEmail": "vk@gmail.com"
  }
}
```

EMPLOYEE DATABASE

Employee ID:

102

Employee Name:

Veda Krishnamurthy

Email:

vk@gmail.com

Save

Delete

Update

localhost:8383 says

```
{
  "data": [{"rec_no": 7}],
  "additionalData": {
    "processReqType": 0,
    "dbUpdateFlag": true,
    "message": "DATA INSERTED, Total 1 rows are inserted, Added 0 columns as New Index Columns.",
    "status": 200
  }
}
```

OK

JSONPOWERDB

deepikaashok2001@gmail.com

Dashboard

Visualize

Insert

Execute

NoSQL

Tools

Help

SAMPLE

EMP_REL

1

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10

PageSi

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#	createTime	String empEmail	String empId	String empName
5	9/26/2021, 4:11:43 PM	rc@gmail.com	100	Riya Chandrashekhar
6	9/26/2021, 4:12:10 PM	as@gmail.com	101	Ahana Singh
7	9/26/2021, 4:17:48 PM	vk@gmail.com	102	Veda Krishnamurthy

EMPLOYEE DATABASE

Employee ID:

5

Employee Name:

Enter Employee Name

Email:

Enter Employee Email

Save

Delete

Update

EMPLOYEE DATABASE

Employee ID:

5

Employee Name:

Enter Employee Name

Email:

Enter Employee Email

Save

Delete

Update

localhost:8383 says

```
{
  "token": "90936116|-31948821303138555|90944099",
  "dbName": "SAMPLE",
  "cmd": "REMOVE",
  "rel": "EMP_REL",
  "record": 5
}
```

OK

EMPLOYEE DATABASE

Employee ID:

6

Employee Name:

Ahana Singh "Updated"

Email:

as@yahoo.com

Save

Delete

Update

localhost:8383 says

```
{
  "data": {
    "6": {
      "empld": "101",
      "empName": "Ahana Singh",
      "empEmail": "as@gmail.com",
      "NewIndexColumnCreated": 0,
      "NewNonIndexColumnCreated": 0,
      "additionalData": {}
    }
  },
  "processReqType": 0,
  "dbUpdateFlag": true,
  "message": "Success",
  "status": 200
}
```

OK

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EMP_REL

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10

PageSi

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#	createTime	String empEmail	String empld	String empName
6	9/26/2021, 4:12:10 PM	as@gmail.com	101	Ahana Singh
7	9/26/2021, 4:17:48 PM	vk@gmail.com	102	Veda Krishnamurthy

EMPLOYEE DATABASE

Employee ID:

6

Employee Name:

Ahana Singh "Updated"

Email:

as@yahoo.com

Save

Delete

Update

localhost:8383 says

```
{
  "token": "90936116[-31948821303138555]90944099",
  "dbName": "SAMPLE",
  "cmd": "UPDATE",
  "rel": "EMP_REL",
  "jsonStr": {
    "6": {
      "empld": "6",
      "empName": "Ahana Singh",
      "Updated": "",
      "empEmail": "as@yahoo.com"
    }
  }
}
```

OK

EMPLOYEE DATABASE

Employee ID:

6

Employee Name:

Ahana Singh "Updated"

Email:

as@yahoo.com

Save

Delete

Update

localhost:8383 says

```
{
  "data": {
    "empId": "101",
    "empName": "Ahana Singh",
    "empEmail": "as@gmail.com",
    "NewIndexColumnCreated": 0,
    "NewNonIndexColumnCreated": 0,
    "additionalData": {
      "processReqType": 0,
      "dbUpdateFlag": true,
      "message": "Success",
      "status": 200
    }
  }
}
```

OK

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PageSi

Page: 1/1, Page size: 10, Record 6 - 7 of 7

#	createTime	String empEmail	String empId	String empName
6	9/26/2021, 4:12:10 PM	as@yahoo.com	6	Ahana Singh "Updated"
7	9/26/2021, 4:17:48 PM	vk@gmail.com	102	Veda Krishnamurthy