

# H2 in-memory (dev mode) DB overview

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# Entry to H2 console

localhost:8081/h2/login.jsp?jsessionId=dbfa4dde8cd16c6244d5a518fc7ad45c

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EnglishPreferencesToolsHelp

Login

Saved Settings:Generic H2 (Embedded)

Setting Name:Generic H2 (Embedded)SaveRemove

Driver Class:org.h2.Driver

JDBC URL:jdbc:h2:mem:membershipDB

User Name:

Password:

ConnectTest Connection

# H2 console. DB implemented

localhost:8081/h2/login.do?jsessionId=dbfa4dde8cd16c6244d5a518fc7ad45c

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Auto commitMax rows: 1000Auto completeOffAuto selectOn

jdbc:h2:mem:membershipDB

CARD

CARD\_TOPUP

EMPLOYEE

ORDEREMPLOYEE

ORDEREMPLOYEE\_ORDERPRODUCTS

ORDERPRODUCTS

PRODUCT

PRODUCT\_ORDERPRODUCTS

TOPUP

INFORMATION\_SCHEMA

Users

H2 2.1.214 (2022-06-13)

RunRun SelectedAuto completeClearSQL statement:

Important Commands

?	Displays this Help Page
	Shows the Command History
Ctrl+Enter	Executes the current SQL statement
Shift+Enter	Executes the SQL statement defined by the text selection
Ctrl+Space	Auto complete
	Disconnects from the database

## Card Table

Run Run Selected Auto complete Clear SQL statement:

SELECT \* FROM CARD |

SELECT \* FROM CARD;

CARDID	CARDBALANCE	CARDPASSCODE	LASTINTERACTIONDATETIME
r7jTG7dqBy5wGO4L	10.0	1234	2022-11-06 19:35:12.280358
r7jTG7dqBy5wGO5k	0.0	5678	<i>null</i>

(2 rows, 4 ms)

## TopUp table

Run Run Selected Auto complete Clear SQL statement:

SELECT \* FROM TOPUP |

SELECT \* FROM TOPUP;

TOPUPID	TOPUPAMOUNT	TOPUPDATETIME	CARDID
1	20.0	2022-11-06 20:04:29.238494	r7jTG7dqBy5wGO4L

(1 row, 0 ms)

# Employee table

RunRun SelectedAuto completeClear

SQL statement:

SELECT \* FROM EMPLOYEE |

SELECT \* FROM EMPLOYEE;

CARDID	EMPLOYEEEMAIL	EMPLOYEEID	EMPLOYEEEMOBIENUMBER	EMPLOYEEENAME
r7jTG7dqBy5wGO4L	magdalenaleon@example.com	ML80101	0111 111112	Magdalena Leon
r7jTG7dqBy5wGO5k	petronamartinez@example.com	ML80102	0222 222222	Petrona Martinez

(2 rows, 1 ms)

Edit

# OrderEmployee Table

RunRun SelectedAuto completeClear

SQL statement:

SELECT \* FROM ORDEREMPLOYEE |

SELECT \* FROM ORDEREMPLOYEE;

ORDEREMPLOYEEID	ORDERTOTAL	CARDID
1	2.0	r7jTG7dqBy5wGO4L

(1 row, 1 ms)

Edit

## OrderProducts table (Join table)

RunRun SelectedAuto completeClear

SQL statement:

SELECT \* FROM ORDERPRODUCTS

SELECT \* FROM ORDERPRODUCTS;

ORDERPRODUCTSID	ORDERPRODUCTSPRICE	ORDERPRODUCTSQANTITY	ORDERID	PRODUCTID
1	2.0	1	1	1

(1 row, 0 ms)

Edit

## Product Table

RunRun SelectedAuto completeClear

SQL statement:

SELECT \* FROM PRODUCT

SELECT \* FROM PRODUCT;

PRODUCTID	PRODUCTNAME	PRODUCTPRICE
1	Tuna sandwich	2.0
2	Orange juice	1.0

(2 rows, 1 ms)

Edit