

How To Guides for MySQL

"How To" Guides for MySQL

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MySQL client commands

Start the Derby Interactive SQL Tool

```
java -cp "c:\jdk1.6.0_01\db\lib\derby.jar;c:\jdk1.6.0_01\db\lib\derbytools.jar" org.apache.derby.tools.ij
ij version 10.2
```

```
ij>
```

Show available commands

```
ij> help;
```

Connection commands

Create a database:

```
ij> connect 'jdbc:derby:C:/Documents and Settings/username/.derby/dbname;create=true';
```

To drop a database, simply remove the directory:

```
rmdir /s "%USERPROFILE%\derby\dbname"
```

Connect to an existing database:

```
ij> connect 'jdbc:derby:C:/Documents and Settings/username/.derby/dbname';
```

```
ij> connect 'jdbc:derby:C:/Documents and Settings/username/.derby/dbname' as connname;
```

The default connection name is "CONNECTION*n*", where *n* is numeric.

Show information about established connections:

```
ij> show connections;
```

Switch to a different connection:

```
ij> set connname;
```

Disconnect a connection:

```
ij> disconnect current;
```

```
ij> disconnect connname;
```

Schema commands

Create a schema

```
ij> create schema schemaname;
```

```
ij> create schema "SchemaName";
```

Show available schemas

```
ij> show schemas;
```

Change schemas

```
ij> set current sqlid schemaname;
```

```
ij> set current sqlid = "SchemaName";
```

Commands for Tables in Database

Show tables in schema

```
ij> show tables in sys;
```

```
ij> show tables in schemaname;
```

```
ij> show tables in "SchemaName";
```

Similarly, "views", "procedures" "synonyms" and "indexes" can also be displayed.

Show indexes for a table

```
ij> show indexes from tablename;
```

```
ij> show indexes from schemaname.tablename;
```

```
ij> show indexes from "SchemaName"."TableName";
```

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