



MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

collegedb

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department

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Stored Procedures

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firstdb

jeanstore

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Views

Stored Procedures

Functions

sys

Schema

Column Name

Student\_

Student\_

Column Name

Charset/Collation

Comments

Columns

Information

Administration Schemas

Information

Table: department

Columns:

Department\_ID

Department\_Name

Department\_Block\_Number

Object Info Session

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm: Default Lock Type: Default

```
1 CREATE TABLE `collegedb`.`student` (  
2   `Student_ID` INT NOT NULL,  
3   `Student_Name` VARCHAR(45) NOT NULL,  
4   `Student_Address` VARCHAR(45) NOT NULL,  
5   `Student_City` VARCHAR(45) NOT NULL,  
6   PRIMARY KEY (`Student_ID`));  
7
```

Back Apply Cancel

SQLAdditions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Duration / Fetch

Activate Windows

Go to Settings to activate Windows.

#	Time	Action	Output
14	10:10:36	Apply changes to department	No changes detected
15	10:10:37	Apply changes to department	No changes detected
16	10:10:38	Apply changes to department	No changes detected
17	10:10:39	Apply changes to department	No changes detected
18	10:10:48	Apply changes to department	No changes detected
19	10:26:23	Apply changes to Student	Applying object changes ...

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Information

Schema: collegedb

Object Info Session

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm: Default Lock Type: Default

```
1 CREATE TABLE 'collegedb'. 'department' (  
2   'Department_id' INT NOT NULL,  
3   'Department_Name' VARCHAR(45) NOT NULL,  
4   'Department_blocknumber' INT NOT NULL,  
5   PRIMARY KEY ('Department_id'));  
6
```

Back Apply Cancel

SQLAdditions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Duration / Fetch

0.000 sec / 0.000 sec

0.016 sec / 0.000 sec

0.204 sec

0.001 sec

Activate Windows

Go to Settings to activate Windows.

#	Time	Action	Output	Duration / Fetch
21	10:32:30	SELECT * FROM collegedb.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22	10:32:30	DROP TABLE 'collegedb'. 'department'	0 row(s) effected	0.016 sec / 0.000 sec
23	10:40:32	DROP TABLE 'collegedb'. 'student'	0 row(s) effected	0.204 sec
24	10:40:40	Apply changes to Department	Applying object changes ...	0.001 sec

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sys

department - Table

student - Table

department

staff - Table

SQL File 3\*

department - Table

department

Limit to 1000 rows

1 SELECT \* FROM collegedb.department;

Result Grid

Filter Rows

Edit

Export/Import

Wrap Cell Contents

Result Grid

Form Editor

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Administration Schemas

Information

Table: department

Columns:

Department\_id

Department\_Name

Department\_blocknumber

Object Info Session

Output

#	Time	Action	Message	Duration / Fetch
✓ 24	10:40:32	DROP TABLE 'collegedb','department'	0 row(s) effected	0.204 sec
✓ 25	10:40:40	DROP TABLE 'collegedb','student'	0 row(s) effected	0.094 sec
✓ 26	10:42:56	Apply changes to Department	Changes applied	
ⓘ 27	10:43:36	Apply changes to department	No changes detected	
ⓘ 28	10:43:37	Apply changes to department	No changes detected	
✓ 29	10:43:42	SELECT * FROM collegedb.department LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

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department - Table

student - Table

department

staff - Table

SQL File 3\*

department - Table

department

SQLAdditions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

1 SELECT \* FROM collegedb.department;

Result Grid

Filter Rows:

Department\_id Department\_Name Department\_blocknumber

1	CSE	101
2	ECE	202
3	IT	303
4	EEE	404
NULL	NULL	NULL

Apply Revert Context Help Snippets

Information

Table: department

Columns:

Department\_id

Department\_Name

Department\_blocknumber

Object Info Session

Action Output

#	Time	Action	Message	Duration / Fetch
24	10:40:32	DROP TABLE 'collegedb','department'	0 row(s) effected	0.204 sec
25	10:40:40	DROP TABLE 'collegedb','student'	0 row(s) effected	0.094 sec
26	10:42:56	Apply changes to Department	Changes applied	
27	10:43:36	Apply changes to department	No changes detected	
28	10:43:37	Apply changes to department	No changes detected	
29	10:43:42	SELECT * FROM collegedb.department LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

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sys

collegedb department

department - Table

department

department - Table

department

department

student - Table

student

Limit to 1000 rows

1 SELECT \* FROM collegedb.student;

2

Result Grid

Filter Rows:

Student\_id

Student\_Name

Student\_Address

Student\_City

Department\_ID

NULL

NULL

NULL

NULL

NULL

Administration

Schemas

student 1

student 10 x

Apply

Revert

Context Help

Snippets

Information

Schema: collegedb

Object Info

Session

Output

Action Output

#

Time

Action

Message

Duration / Fetch

43 11:00:00 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec

44 11:00:08 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec

45 11:00:11 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned 0.016 sec / 0.000 sec

46 11:00:24 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec

47 11:00:43 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec

48 11:00:45 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec

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Functions

sys

collegedb department department - Table department department - Table department department student - Table student

Limit to 1000 rows

1 SELECT \* FROM collegedb.student;

2

Result Grid

Student_id	Student_Name	Student_Address	Student_City	Department_ID
1	geetha	AP	NRT	101
2	RK	TS	HYD	202

Administration Schemas

student 1 student 10 x

Apply Revert Context Help Snippets

Information

Schema: collegedb

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 43	11:00:00	SELECT * FROM collegedb.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 44	11:00:08	SELECT * FROM collegedb.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 45	11:00:11	SELECT * FROM collegedb.student LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
✓ 46	11:00:24	SELECT * FROM collegedb.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 47	11:00:43	SELECT * FROM collegedb.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 48	11:00:45	SELECT * FROM collegedb.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Activate Windows  
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Administration Schemas

Information

Schema: collegedb

Object Info Session

44 11:00:24 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned

45 11:00:24 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned

46 11:00:24 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned

47 11:00:24 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned

48 11:00:24 SELECT \* FROM collegedb.student LIMIT 0, 1000 0 row(s) returned

49 11:04:32 Apply changes to Staff Applying object changes ...

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm: Default Lock Type: Default

```
1 CREATE TABLE `collegedb`.`staff` (  
2   `Staff_id` INT NOT NULL,  
3   `Staff_Name` VARCHAR(45) NOT NULL,  
4   `Department_ID` INT NULL,  
5   PRIMARY KEY (`Staff_id`),  
6   INDEX `Department_ID_idx` (`Department_ID` ASC) VISIBLE,  
7   CONSTRAINT `Department_ID`  
8   FOREIGN KEY (`Department_ID`)  
9   REFERENCES `collegedb`.`department` (`Department_id`)  
10  ON DELETE NO ACTION  
11  ON UPDATE NO ACTION);  
12
```

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SQLAdditions

My Snippets

Context Help Snippets

Duration / Fetch

0.000 sec / 0.000 sec

0.016 sec / 0.000 sec

0.000 sec / 0.000 sec

0.000 sec / 0.000 sec

0.000 sec / 0.000 sec

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Administration Schemas

Information

Schema: collegedb

Foreign Key Name

Department

Department

Department

Columns

Index

Action Output

#

Time

47 11:04:32

48 11:04:32

49 11:04:32 Apply changes to Staff

50 11:05:34 Apply changes to staff

51 11:07:12 Apply changes to staff

52 11:07:52 Apply changes to staff

Object Info Session

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm: Default Lock Type: Default

```
1 CREATE TABLE `collegedb`.`staff` (  
2   `Staff_id` INT NOT NULL,  
3   `Staff_Name` VARCHAR(45) NOT NULL,  
4   `Department_id` INT NOT NULL,  
5   PRIMARY KEY (`Staff_id`),  
6   INDEX `Department_ID_idx` (`Department_id` ASC) VISIBLE,  
7   CONSTRAINT `Department_ID`  
8   FOREIGN KEY (`Department_id`)  
9   REFERENCES `collegedb`.`department` (`Department_id`)  
10  ON DELETE NO ACTION  
11  ON UPDATE NO ACTION,  
12  CONSTRAINT `Department_ID`  
13  FOREIGN KEY (`Department_id`)  
14  REFERENCES `collegedb`.`department` (`Department_id`)  
15  ON DELETE NO ACTION  
16  ON UPDATE NO ACTION,  
17  CONSTRAINT `Department_id`
```

Back Apply Cancel

SQLAdditions

My Snippets

Context Help Snippets

Duration / Fetch

0.000 sec / 0.000 sec

0.000 sec / 0.000 sec

Error 1826: Duplicate foreign key constraint name 'Department\_ID' SQL Statement: CREATE...

Error 1826: Duplicate foreign key constraint name 'Department\_ID' SQL Statement: CREATE...

Error 1826: Duplicate foreign key constraint name 'Department\_ID' SQL Statement: CREATE...

Applying object changes ...