

# phpMyAdmin



Recent | Favorites

## Filters

Containing the word:

| Table        | Action  | Rows | Type   | Collation          | Size     | Overhead |
|--------------|---|------|--------|--------------------|----------|----------|
| catalog      | <a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a> | 5    | InnoDB | utf8mb4_general_ci | 16.0 KiB | -        |
| parts        | <a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a> | 5    | InnoDB | utf8mb4_general_ci | 16.0 KiB | -        |
| suppliers    | <a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a> | 5    | InnoDB | utf8mb4_general_ci | 16.0 KiB | -        |
| 3 tables Sum |   | 15   | InnoDB | utf8mb4_general_ci | 48.0 KiB | 0 B      |

 Check all

With selected:

[Print](#) [Data dictionary](#)

## Create table

Name:

Number of columns:

4

Go

← → C i localhost/phpmyadmin/index.php?route=/sql&db=supplier+database&table=catalog&pos=0

# phpMyAdmin

Server: 127.0.0.1 » Database: supplier database » Table: catalog

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Recent Favorites

New banking enterprise information\_schema insurance insurance lab\_prog mysql performance\_schema phpmyadmin supplier database New catalog parts suppliers suppliers database New catalog parts suppliers test

Showing rows 0 - 4 (5 total, Query took 0.0024 seconds.)

SELECT \* FROM `catalog`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

|                          | sid | pid | cost    |
|--------------------------|-----|-----|---------|
| <input type="checkbox"/> | 122 | 1   | 800.00  |
| <input type="checkbox"/> | 132 | 2   | 3000.00 |
| <input type="checkbox"/> | 142 | 3   | 4500.00 |
| <input type="checkbox"/> | 152 | 4   | 2000.00 |
| <input type="checkbox"/> | 162 | 5   | 5000.00 |

Check all With selected:  Edit  Copy  Delete  Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print  Copy to clipboard  Export  Display chart  Create view



# phpMyAdmin



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- + New
- + banking enterprise
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- + insurance
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- supplier database
  - + New
  - + catalog
  - + parts
  - + suppliers
- suppliers database
  - + New
  - + catalog
  - + parts
  - + suppliers
- + test

Server: 127.0.0.1 » Database: supplier database » Table: parts

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 4 (5 total, Query took 0.0023 seconds.)

SELECT \* FROM `parts`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

|                          |  |      | pid | pname | color |        |   |       |        |
|--------------------------|--|------|-----|-------|-------|--------|---|-------|--------|
| <input type="checkbox"/> |  | Edit |     | Copy  |       | Delete | 1 | screw | red    |
| <input type="checkbox"/> |  | Edit |     | Copy  |       | Delete | 2 | bolt  | yellow |
| <input type="checkbox"/> |  | Edit |     | Copy  |       | Delete | 3 | screw | black  |
| <input type="checkbox"/> |  | Edit |     | Copy  |       | Delete | 4 | nail  | white  |
| <input type="checkbox"/> |  | Edit |     | Copy  |       | Delete | 5 | bolt  | blue   |

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console mark this SQL query

localhost/phpmyadmin/index.php?route=/sql&server=1&db=supplier+database&table=suppliers&pos=0

# phpMyAdmin

Server: 127.0.0.1 » Database: supplier database » Table: suppliers

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 4 (5 total, Query took 0.0028 seconds.)

SELECT \* FROM `suppliers`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

|                          | sid | sname       | address   |
|--------------------------|-----|-------------|-----------|
| <input type="checkbox"/> | 122 | allen       | mysore    |
| <input type="checkbox"/> | 132 | ikea        | bangalore |
| <input type="checkbox"/> | 142 | Acme Widget | delhi     |
| <input type="checkbox"/> | 152 | alexa       | mangalore |
| <input type="checkbox"/> | 162 | grid        | kerala    |

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

New banking enterprise information\_schema insurance insurance lab\_prog mysql performance\_schema phpmyadmin supplier database New catalog parts suppliers suppliers database New catalog parts suppliers test

localhost/phpmyadmin/index.php?route=/database/sql&db=supplier+database

# phpMyAdmin

Server: 127.0.0.1 » Database: supplier database » Table: CATALOG

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Recent Favorites

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Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 4 (5 total, Query took 0.1164 seconds.)

```
SELECT pname FROM PARTS,CATALOG WHERE CATALOG.pid=PARTS.pid AND CATALOG.sid IS NOT NULL
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

pname  
screw  
bolt  
screw  
nail  
bolt

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

localhost/phpmyadmin/index.php?route=/database/sql&db=supplier+database

# phpMyAdmin

Server: 127.0.0.1 » Database: supplier database » Table: CATALOG

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Recent Favorites

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MySQL returned an empty result set (i.e. zero rows). (Query took 0.0097 seconds.)

```
SELECT S.sname FROM SUPPLIERS S WHERE NOT EXISTS((SELECT P.pid FROM PARTS P ) EXCEPT (SELECT C.pid FROM CATALOG C WHERE C.sid = S.sid))
```

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

| sname |
|-------|
|-------|

Query results operations

Create view

Bookmark this SQL query

Label:   Let every user access this bookmark

Bookmark this SQL query

Showing rows 0 - 0 (1 total, Query took 0.0205 seconds.)

```
SELECT S.sname FROM SUPPLIERS S WHERE NOT EXISTS (( SELECT P.pid FROM PARTS P WHERE P.color = 'Red') EXCEPT ( SELECT C.pid FROM CATALOG C, PARTS P WHERE C.sid = S.sid AND C.pid = P.pid AND P.color = 'Red' ))
```

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

localhost/phpmyadmin/index.php?route=/database/sql&db=supplier+database

# phpMyAdmin

Server: 127.0.0.1 > Database: supplier database > Table: CATALOG

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 0 (1 total, Query took 0.0205 seconds.)

```
SELECT S.sname FROM SUPPLIERS S WHERE NOT EXISTS (( SELECT P.pid FROM PARTS P WHERE P.color = 'Red') EXCEPT ( SELECT C.pid FROM CATALOG C, PARTS P WHERE C.sid = S.sid AND C.pid = P.pid AND P.color = 'Red' ))
```

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

| sname |
|-------|
| allen |

Edit Copy Delete

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label  Let every user access this bookmark

New banking enterprise information\_schema insurance insurance lab\_prog mysql performance\_schema phpmyadmin supplier database

New catalog parts suppliers

suppliers database

New catalog parts suppliers

test

← → C i localhost/phpmyadmin/index.php?route=/database/sql&db=supplier+database

# phpMyAdmin

Server: 127.0.0.1 Database: supplier database Table: CATALOG

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Label:   Let every user access this bookmark

Bookmark this SQL query

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0079 seconds.)

```
SELECT DISTINCT C.sid FROM CATALOG C WHERE C.cost > ( SELECT AVG (C1.cost) FROM CATALOG C1 WHERE C1.pid = C.pid )
```

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

sid

Query results operations

Create view

Bookmark this SQL query

Label:   Let every user access this bookmark

Bookmark this SQL query

New banking enterprise information\_schema insurance insurance lab\_prog mysql performance\_schema phpmyadmin supplier database catalog parts suppliers suppliers database catalog parts suppliers test

File Edit Format View Help

```
CREATE TABLE CATALOG
( sid INT(10),
  pid INT(10),
  cost REAL(10,2),
  PRIMARY KEY(sid)
);
```

```
CREATE TABLE parts
( pid INTEGER(10),
  pname VARCHAR(30),
  color VARCHAR(30),
  PRIMARY KEY(pid)
);
```

```
CREATE TABLE suppliers
( sid VARCHAR(10),
  sname VARCHAR(30),
  address VARCHAR(30),
  PRIMARY KEY(sid)
);
```

\*\*\*\*\*to insert values\*\*\*\*\*

```
INSERT INTO `catalog` (`sid`, `pid`, `cost`)
VALUES ('122', '1', '800'),
('132', '2', '3000'),
('142', '3', '4500'),
('152', '4', '2000'),
('162', '5', '5000');
```

```
INSERT INTO `parts` (`pid`, `pname`, `color`)
VALUES ('1', 'screw', 'red'),
('2', 'bolt', 'yellow'),
('3', 'screw', 'black'),
('4', 'nail', 'white'),
('5', 'bolt', 'blue');
```

```
INSERT INTO `suppliers` (`sid`, `sname`, `address`)
```

File Edit Format View Help

```
('132', '2', '3000'),
('142', '3', '4500'),
('152', '4', '2000'),
('162', '5', '5000');
```

```
INSERT INTO `parts` (`pid`, `pname`, `color`)
VALUES ('1', 'screw', 'red'),
('2', 'bolt', 'yellow'),
('3', 'screw', 'black'),
('4', 'nail', 'white'),
('5', 'bolt', 'blue');
```

```
INSERT INTO `suppliers` (`sid`, `sname`, `address`)
VALUES ('122', 'allen', 'mysore'),
('132', 'ikea', 'bangalore'),
('142', 'Acme Widget', 'delhi'),
('152', 'alexa', 'mangalore'),
('162', 'grid', 'kerala');
```

\*\*\*\*\*queries executed\*\*\*\*\*

```
SELECT pname FROM PARTS,CATALOG WHERE CATALOG.pid=PARTS.pid AND CATALOG.sid IS NOT NULL;
```

```
SELECT S.sname FROM SUPPLIERS S WHERE NOT EXISTS((SELECT P.pid FROM PARTS P ) EXCEPT (SELECT C.pid FROM CATALOG C WHERE C.sid = S.sid));
```

```
SELECT S.sname FROM SUPPLIERS S WHERE NOT EXISTS (( SELECT P.pid FROM PARTS P WHERE P.color = 'Red')
EXCEPT ( SELECT C.pid FROM CATALOG C, PARTS P WHERE C.sid = S.sid AND C.pid = P.pid AND P.color = 'Red' ));
```

```
SELECT P.pname FROM PARTS P, CATALOG C, SUPPLIERS S WHERE P.pid = C.pid AND C.sid = S.sid AND S.sname = 'Acmewidget' AND
NOT EXISTS ( SELECT *FROM CATALOG C1,SUPPLIERS S1 WHERE P.pid = C1.pid AND C1.sid = S1.sid AND S1.sname<>'Acmewidget');
```

```
SELECT DISTINCT C.sid FROM CATALOG C WHERE C.cost > ( SELECT AVG (C1.cost) FROM CATALOG C1 WHERE C1.pid = C.pid );
```

```
SELECT P.pid, S.sname FROM PARTS P, SUPPLIERS S, CATALOG C WHERE C.pid = P.pid AND C.sid = S.sid AND C.cost = (SELECT MAX(C1.cost)
FROM CATALOG C1 WHERE C1.pid = P.pid);
```