

Title : How to develop Table Object for enhance join feature using MySQL RDBMS backend software?

#01

```
MariaDB [dbspr]> drop table if exists stdtbl;
Query OK, 0 rows affected, 1 warning (0.020 sec)
```

#02

```
MariaDB [dbspr]> drop table if exists usttbl;
Query OK, 0 rows affected, 1 warning (0.001 sec)
```

#03

```
MariaDB [dbspr]> drop table if exists psttbl;
Query OK, 0 rows affected, 1 warning (0.001 sec)
```

#04

```
MariaDB [dbspr]>
Empty set (0.001 sec)
```

#05

```
MariaDB [dbspr]> create or replace table stdtbl
(
  pid integer primary key,
  pname varchar(3) not null,
  edu enum('UG', 'PG', '-') default '-' check(upper(edu)in('UG', 'PG', '-'))
);
Query OK, 0 rows affected (0.078 sec)
```

#06

```
MariaDB [dbspr]> create or replace table usttbl
(
  pid integer primary key,
  prole enum('Tutor', 'HM') default 'Tutor' check(upper(prole)in('TUTOR', 'HM'))
);
Query OK, 0 rows affected (0.032 sec)
```

#07

```
MariaDB [dbspr]> create or replace table psttbl
(
  pid integer primary key,
  prole enum('Coach', 'HOD') default 'Coach' check(upper(prole)in('Coach', 'HOD'))
);
Query OK, 0 rows affected (0.055 sec)
```

#08

```
MariaDB [dbspr]> show tables;
```

```
+-----+
| Tables_in_dbspr |
+-----+
| psttbl          |
| stdtbl          |
| usttbl          |
+-----+
3 rows in set (0.001 sec)
```

#09

```
MariaDB [dbspr]> select * from stdtbl;
Empty set (0.009 sec)
```

#10

```
MariaDB [dbspr]> insert into stdtbl
values
(1001, 'x1', 'UG'),
(1002, 'x2', 'PG'),
(1003, 'x3', '-'),
(1004, 'x4', 'UG'),
(1005, 'x5', 'PG');
```

```
Query OK, 5 rows affected (0.008 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

```
#11
MariaDB [dbspr]> insert into stdtbl
(pid, pname)
values
(1006, 'x6');

Query OK, 1 row affected (0.007 sec)
```

```
#12
MariaDB [dbspr]> insert into stdtbl
values
(1007, 'x7','UG'),
(1008, 'x8','PG');

Query OK, 2 rows affected (0.008 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
#13
MariaDB [dbspr]> insert into stdtbl
(pid, pname)
values
(1009, 'x9');

Query OK, 1 row affected (0.006 sec)
```

```
#14
MariaDB [dbspr]> select * from stdtbl;
+-----+-----+-----+
| pid  | pname | edu  |
+-----+-----+-----+
| 1001 | x1    | UG   |
| 1002 | x2    | PG   |
| 1003 | x3    | -    |
| 1004 | x4    | UG   |
| 1005 | x5    | PG   |
| 1006 | x6    | -    |
| 1007 | x7    | UG   |
| 1008 | x8    | PG   |
| 1009 | x9    | -    |
+-----+-----+-----+
9 rows in set (0.001 sec)
```

```
#15
MariaDB [dbspr]> select count(*) from stdtbl;
+-----+
| count(*) |
+-----+
|          9 |
+-----+
1 row in set (0.004 sec)
```

```
#16
Empty set (0.003 sec)
```

```
#17
MariaDB [dbspr]> insert into usttbl
-> values
-> (1001, 'Tutor'),
-> (1004, 'HM');

Query OK, 2 rows affected (0.009 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
#18
MariaDB [dbspr]> insert into usttbl
-> (pid)
-> values
-> (1007);

Query OK, 1 row affected (0.006 sec)
```

#19

MariaDB [dbspr]> select * from usttbl;

pid	prole
1001	Tutor
1004	HM
1007	Tutor

3 rows in set (0.001 sec)

#20

MariaDB [dbspr]> select count(*) from usttbl;

count(*)
3

1 row in set (0.001 sec)

#21

MariaDB [dbspr]> select * from psttbl;

Empty set (0.008 sec)

#22

MariaDB [dbspr]> insert into psttbl

-> (pid)

-> values

-> (1001);

Query OK, 1 row affected (0.008 sec)

#23

MariaDB [dbspr]> insert into psttbl

-> values

-> (1002, 'HOD'),

-> (1005, 'Coach'),

-> (1008, 'HOD');

Query OK, 3 rows affected (0.003 sec)

Records: 3 Duplicates: 0 Warnings: 0

#24

MariaDB [dbspr]> select * from psttbl;

pid	prole
1001	Coach
1002	HOD
1005	Coach
1008	HOD

4 rows in set (0.001 sec)

#25

MariaDB [dbspr]> select count(*) from psttbl;

count(*)
4

1 row in set (0.001 sec)