

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)
```