

**MySQL FEDERATED engine 가** ..... 3  
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# MySQL FEDERATED engine 가

: <http://blog.weirdx.io/post/3503>

FEDERATED  
MySQL

. Oracle DBLink

FEDERATED MySQL

-with-federated-storage-engine

mysql root

```
install plugin federated soname 'ha_federated.so'
```

DB

가

```
mysql> show engines;
```

Engine	Support	Comment
Transactions	XA	Savepoints
DAMO_MYISAM	YES	DAmo storage engine
NO	NO	NO
MRG_MYISAM	YES	Collection of identical MyISAM tables
NO	NO	NO
CSV	YES	CSV storage engine
NO	NO	NO
MyISAM	YES	Default engine as of MySQL 3.23 with great performance
NO	NO	NO
InnoDB	DEFAULT	Supports transactions, row-level locking, and foreign keys
YES	YES	YES
MEMORY	YES	Hash based, stored in memory, useful for temporary tables
NO	NO	NO
DAMO_INNODB	YES	DAmo storage engine
YES	NO	NO

7 rows in set (0.00 sec)

```
mysql> install plugin federated soname 'ha_federated.so';
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> show engines;
+-----+-----+-----+
| Engine      | Support | Comment
| Transactions | XA      | Savepoints |
+-----+-----+-----+
| DAMO_MYISAM | YES     | DAmo storage engine
| NO          | NO      | NO          |
| FEDERATED   | NO      | Federated MySQL storage engine
| NULL        | NULL    | NULL        |
| CSV         | YES     | CSV storage engine
| NO          | NO      | NO          |
| MyISAM      | YES     | Default engine as of MySQL 3.23 with great
performance | NO      | NO          | NO          |
| InnoDB      | DEFAULT | Supports transactions, row-level locking, and
foreign keys | YES     | YES        | YES        |
| MEMORY      | YES     | Hash based, stored in memory, useful for temporary
tables      | NO      | NO          | NO          |
| DAMO_INNODB | YES     | DAmo storage engine
| YES         | NO      | NO          |
| MRG_MYISAM  | YES     | Collection of identical MyISAM tables
| NO          | NO      | NO          |
+-----+-----+-----+
8 rows in set (0.01 sec)
```

```
show engine FEDERATED Engine
/etc/my.cnf [mysqld] federated 가 .
```

```
[mysqld]
datadir=/var/lib/mysql
socket=/var/lib/mysql/mysql.sock
user=mysql
# Disabling symbolic-links is recommended to prevent assorted security risks
symbolic-links=0
federated # 가
```

```
MySQL show engines FEDERATED Engine 가
```

```
mysql> show engines;
+-----+-----+-----+-----+-----+-----+
| Engine | Support | Comment | Transactions | XA | Savepoints |
+-----+-----+-----+-----+-----+-----+
| FEDERATED | YES | Federated MySQL storage engine | NO | NO | NO |
| CSV | YES | CSV storage engine | NO | NO | NO |
| MyISAM | DEFAULT | Default engine as of MySQL 3.23 with great performance | NO | NO | NO |
| InnoDB | YES | Supports transactions, row-level locking, and foreign keys | YES | YES | YES |
| MEMORY | YES | Hash based, stored in memory, useful for temporary tables | NO | NO | NO |
| MRG_MYISAM | YES | Collection of identical MyISAM tables | NO | NO | NO |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

•

```
CREATE TABLE `cityholic_db`.`cart_product` (
  `id` bigint(20) NOT NULL AUTO_INCREMENT COMMENT ' ',
  `users_id` bigint(20) unsigned NOT NULL COMMENT ' ',
  `product_id` bigint(20) NOT NULL COMMENT ' ',
  `option_code` varchar(50) NOT NULL COMMENT ' ',
  `quantity` int(11) NOT NULL DEFAULT '0' COMMENT ' ',
  PRIMARY KEY (`users_id`,`product_id`,`option_code`),
  UNIQUE KEY `id_UNIQUE` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COMMENT=' ';
```

•

```
CREATE TABLE `cityholic_db`.`cart_product` (
  `id` bigint(20) NOT NULL AUTO_INCREMENT COMMENT ' ',
  `users_id` bigint(20) unsigned NOT NULL COMMENT ' ',
  `product_id` bigint(20) NOT NULL COMMENT ' ',
  `option_code` varchar(50) NOT NULL COMMENT ' ',
  `quantity` int(11) NOT NULL DEFAULT '0' COMMENT ' ',
  PRIMARY KEY (`users_id`,`product_id`,`option_code`),
  UNIQUE KEY `id_UNIQUE` (`id`)
) ENGINE=FEDERATED DEFAULT CHARSET=utf8 COMMENT=' '
CONNECTION='mysql://root:dldusrn1@10.3.0.27:3306/cityholic_db/cart_product';
```

1. # , .
2. Transaction .
3. # / / #FEDERATED
4. Query Cache .
5. !!!!! !!!!! SHOW CREATE TABLE #FEDERATED ; #  
가 , 가 .

- <http://blog.weirdx.io/post/3503>
- <http://devse.tistory.com/entry/MySQL-DBLink-%EA%B5%AC%ED%98%84%EC%9D%84-%EC%9C%84%ED%95%9C-FEDERATED-%EC%97%94%EC%A7%84-%ED%99%9C%EC%84%B1%ED%99%94-%EB%B0%8F-%ED%85%8C%EC%9D%B4%EB%B8%94-%EC%83%9D%EC%84%B1>
- <http://blackbull.tistory.com/31>

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