

EXPLAIN REFERENCED

EXPLAIN REFERENCED was created as a convenience to gather information about a SQL query.

```
EXPLAIN REFERENCED
option sql_statement
```

Where sql_statement must be explainable DML and the option provided is one of the following:

DATABASES	List of databases referenced by objects in the query and their oids
SCHEMAS	same as DATABASES
TABLES	List of tables referenced by the query, the table oid, and database name
CREATE SQL	DDL statements needed to create objects (tables and views) referenced by the query.
VIEWS	List of views referenced by objects in the query and their oids

Example

The following query queries tables and views. EXPLAIN REFERENCED provides the complete list of DDL needed by the query.

```
SQL> explain referenced create sql select firstname, lastname, x from vfoo, bar where vfoo.id = bar.id;
+-----+
| Create
SQL
|
+-----+
| CREATE DATABASE `clieu` /*!40100 CHARACTER SET utf8
*/
|
| CREATE TABLE `clieu`.`foo` (
  `x` int(11) not null,
  `y` int(11),
  `z` int(11),
  `id` int(11),
  PRIMARY KEY (`x`) /*$ DISTRIBUTE=1 */,
  KEY `z_idx` (`z`) /*$ DISTRIBUTE=1 */
) CHARACTER SET utf8 /*$ SLICES=3 */
|
| CREATE TABLE `clieu`.`bar` (
  `id` int(11),
  `firstname` varchar(25) CHARACTER SET utf8 not null,
  `lastname` varchar(25) CHARACTER SET utf8 not null,
  `username` varchar(16) CHARACTER SET utf8 not null,
  `email` varchar(35) CHARACTER SET utf8,
  `joined` date not null,
  PRIMARY KEY (`joined`) /*$ DISTRIBUTE=1 */
) CHARACTER SET utf8 /*$ SLICES=4 */
|
| CREATE VIEW `clieu`.`vfoo` (`x`, `y`, `z`, `id`) AS select * from
foo
|
+-----+
```