

# MySQL INSERT\_SELECT\_Statement

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## MySQL 5.6 Reference Manual

### INSERT Statement

#### INSERT ...SELECT Statement

The target table of the INSERT statement may appear in the FROM clause of the SELECT part of the query.

However, you cannot insert into a table and select from the same table in a subquery.

```
INSERT INTO table_name (column_name, ...)
VALUES (SELECT column_name FROM table_name)
```

To avoid ambiguous column reference problems when the SELECT and the INSERT refer to the same table,

provide a unique alias for each table used in the SELECT part, and qualify column names in that part with the appropriate alias.

```
SELECT table_name.column_name FROM table_name
INSERT INTO table_name (column_name, ...)
VALUES (SELECT table_name.column_name FROM table_name)
```

```
INSERT INTO CHECKLIST (CHECKLIST_ORDER, CHECKLIST_TITLE, CHECKLIST_ITEMS)
VALUES (
  (SELECT MAX(C.CHECKLIST_ORDER) FROM CHECKLIST C) + 1
  , '[Test]'
  , '# '
);
<!-- INSERT INTO CHECKLIST (CHECKLIST_ORDER, CHECKLIST_TITLE, CHECKLIST_ITEMS)
VALUES (
  1, CHECKLIST_TITLE, CHECKLIST_ITEMS
-->
```

<!-- !!! -->

## Ref Link

13.2.5.1 INSERT...SELECT Statement  
[MYSQL] INSERT MAX + 1

,, MySQL, INSERT SELECT Statement, MAX

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