

# How to insert data into a grid table

This page details out how to insert data into a grid table using database import.

**Table Grid Editor for Jira Server** stores data in a separate database. You can insert data into a grid using grid edit on the issue view or insert directly into the database.

When adding a data source specification, you can select one of the [supported databases](#). Depending on this choice [different parameters](#) can be provided.

In order to insert data directly into the database you should use sql query.

## Prerequisites to insert data into the database

- database name
- TGE related issued

Tips to get database name and TGE related issued:

- in Oracle and PostgreSQL use a **hibernate\_sequence** to generate the ids for the row
- Database name rule : **[nameOfTable]\_c[fieldConfigId]**
- Ensure that the modified field is set to '0' indicating that the row was not modified yet



We use the default TGE configuration

```
gd.columns=isummary,iassignee,istatus,idue
gd.tablename=actions
gd.ds=jira
```

## Examples of the queries

### MySql

```
INSERT INTO
  actions_c10109(
    issueid,
    modified,
    isummary,
    iassignee,
    iassignee_name,
    istatus,
    istatus_name,
    idue
  )
VALUES(
  10000,
  0,
  'First summary',
  'keanu',
  'Keanu Reeves',
  'O',
  'Open',
  '2018-03-06'
),
(
  10000,
  0,
  'Second summary',
  'keanu',
  'Keanu Reeves',
  'D',
  'Done',
  '2018-04-23'
);
```

mytge				
	Summary	Assignee	Status	Date due
1	First summary	Keanu Reeves	Open	2018-03-06
2	Second summary	Keanu Reeves	Done	2018-04-23

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### PostgreSQL

```

INSERT INTO
  "actions_c10315"(
    id,
    issueid,
    modified,
    isummary,
    iassignee,
    iassignee_name,
    istatus,
    istatus_name,
    idue
  )
VALUES(
  nextval('HIBERNATE_SEQUENCE'),
  10001,
  0,
  'First summary',
  'jhon',
  'Jhon Wick',
  'O',
  'Open',
  '2018-03-06'
),
(
  nextval('HIBERNATE_SEQUENCE'),
  10001,
  0,
  'Second summary',
  'jhon',
  'Jhon Wick',
  'D',
  'Done',
  '2018-04-23'
);

```

This results in the table values for issue with id 10001:

mytge_custf				
	Summary	Assignee	Status	Date due
1	First summary	Jhon Wick	Open	2018-03-06
2	Second summary	Jhon Wick	Done	2018-04-23

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OracleDB

```
INSERT INTO
  "ACTIONS_C10109"(
    id,
    issueid,
    modified,
    isummary,
    iassignee,
    iassignee_name,
    istatus,
    istatus_name,
    idue
  )
VALUES(
  HIBERNATE_SEQUENCE.nextval,
  10000,
  0,
  'First summary',
  'johnny',
  'Johnny Depp',
  'O',
  'Open',
  TO_DATE('2018-03-06', 'yyyy-mm-dd')
)
```

mytge

	Summary	Assignee	Status	Date due
1	First summary	Johnny Depp	Open	2018-03-06



## MsSql 2016

```
INSERT INTO
  ACTIONS_C10109(
    issueid,
    modified,
    isummary,
    iassignee,
    iassignee_name,
    istatus,
    istatus_name,
    idue
  )
VALUES(
  10002,
  0,
  'First summary',
  'jack',
  'Jack Dow',
  'O',
  'Open',
  convert(date, '06-03-2018', 5)
),
(
  10002,
  0,
  'Second summary',
  'jack',
  'Jack Dow',
  'D',
  'Done',
  convert(date, '13-03-2018', 5)
);
```

Check [connecting the grid to a database](#) for more details.