

Configure DB Client

After installation, few configurations may be required to enhance your experience ...

- Metadata Access
- Case sensitivity
- Rows limit
- ...

How to access DB Client Settings

When installed, [Alkaes Database Client for Jira](#) installs also the plugin **Alkaes JIRA Plugin - Settings Mangement**, used to manage all settings of Alkaes plugins.

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Plugins Settings

Overview: You will find here different settings organised by Sections. Any plugin can delegate its settings to Alkaes Plugin Settings.

Sections:

- Other Settings** : Set of other settings managed by Alkaes Plugin Settings Management
- Some Settings** : Set of settings managed by Alkaes Plugin Settings Management
- Worklog Type** : Set of Parameters able to impact Worklog Type behavior.
- Worklog Fields** : Set of Parameters able related Worklog Fields.
- Database Client Settings** : Set of Parameters used to configure Database Client Plugin
- Workload Reports** : Set of Parameters able to impact Minyaa Timesheet configuration.
- Auto-Transitions** : Settings used by the Auto-Transition Service
- Workflows** : Miscellaneous Settings for Workflows
- Minyaa Timesheet** : Set of Parameters able to impact Minyaa Timesheet configuration.
- Field Administration Enhanced** : Set of Parameters used to configure Field Administration Enhanced Jira Plugin
- Minyaa Time** : Set of Parameters able to impact Minyaa Time behavior.

DB Client Settings

On DB Client Settings, you will be able to adapt them depending you Database.

Database Client Settings
Set of Parameters used to configure Database Client Plugin

Metadata Mode via JDBC: No
*Yes, the Metadata is loaded via JDBC DatabaseMetaData,
No, the Metadata is loaded via SQL Statements (available only for supported DBMS)*

Quote Object's name: Yes
If enabled, the build of SQL Statement quotes table name

Apply row limit: No
If enabled, a Row Limit is applied on SQL Statements

Default row limit:
If Apply row limit is enabled, the specified Row Limit is applied on SQL Statements

Additional Objects Type to display:
*If Empty, only Tables retained when getting Schema.
If specified, using a comma separated list of additional Object Type, you may list other types objects (Indexes, Sequences, ...)
(Relevant when Metadata Mode via JDBC = Yes)*

List of retained Schema:
*If empty, not filtering is applied when getting Tables.
If specified, using a comma separated list of Schema, you can list other schema*

[Edit Settings](#)

Metadata Access

Generally, the access to Metadata is done through JDBC **DatabaseMetaData** class. It should work always without issue.

But in some case, you can experience issue like with Oracle JDBC Drivers, where some of them are concerned by a bug where opened cursor are not closed, and on Jira Instance with numerous plugins, we can easily exceed the max cursor count when JDBC **DatabaseMetaData** accesses the Metadata, and all tables are not listed.

To resolve that, [Alkaes Database Client for Jira](#) introduces a direct access to Metadata via SQL queries. This capacity has been implemented for Oracle and PostgreSQL.

Case sensitivity

Depending on the Database type and its hosting Operating System, the table may require to be quoted in SQL Statements or not.

Adapt it based on your case.

Row Limit

If you are not aware with the Jira Database Scheme, you may prefer to have a **row limit** criteria in you SELECT Statement.

Other Database Object Type

For advanced SQL users, when using Metadata Access via SQL, you may need to see not only Table, but also other object type (Indexes, Sequences,)

Schema

In some cases, your Jira Instance may share the Database with other application, and then, you may need to access other Schema.

One of them is when you have the **Easy BI** plugin ...

But sure that you will able to find many other cases on your side.