

Use DB Client

Overview of DB Client

When accessing the **DB Client** page, you will see 3 fields ...

DB Client

1 Apps

All Apps

Select Core, AO Plugins or any App to filter relevant tables. [Refresh Meta Data](#)

2 Tables

Select a Table

Select a table to display its columns.
☐ Enable advanced search on Tables and Columns Names

3 SQL Statement*

1

Here, your SQL Statement built with Select and Where Clauses. Or reuse one of previously executed SQL Statments from [SQL History](#)

Execute

Apps

Even if we are aware about the Database model of different deployed plugins, like me, you should not know exactly the the AO Prefix for a plugin (**AO_123456_**).

Generally, to find a table of a plugin, we have to find the correct AO prefix by accessing the System page Database Tables (from **Plugin Data Storage** menu item with the URL is `<jiraHost>/plugins/servlet/active-objects/tables/list`). And you know that more you have plugins and large instance, the load of this page is quite long since for each found tables, a **SELECT COUNT(*)** is done ... A pleasure !

With **Apps** Select Box will help you to filter Tables per Apps ...

You see listed different entries :

- **Core (Core)** will filter all Tables issued from Jira Core
- **AO Plugins (AO_)** will filter all Tables issued from all plugins with Active Objects
- One entries for each plugin with Active Objects : **Plugin Name (AO_123456_)** .

You will also able to perform some filtering by entering a part of plugin name.

Apps

Atlassian J

Tables

Atlassian Jira - Plugins - Development Integration Plugin (AO_575BF5_)

Atlassian Jira - Plugins - Diagnostics Plugin (AO_C16815_)

Atlassian Jira - Plugins - Invite User (AO_97EDAB_)

Atlassian Jira - Plugins - Mail Plugin (AO_3B1893_)

Atlassian Jira - Plugins - Transition Trigger Plugin (AO_CFF990_)

Atlassian Jira - Plugins - WebHooks Plugin (AO_4AEACD_)

Apps

road

Tables

Advanced **Road**maps Team Management (AO_82B313_)

Advanced **Road**maps for Jira (AO_A415DF_)

Advanced **Road**maps plans (AO_D9132D_)

Apps

All Apps

Tables

Core (Core)

AO Plugins (AO_)

Adaptavist ScriptRunner for JIRA (AO_4B00E6_)

Alkaes JIRA Plugin - License Management (AO_6B8575_)

Alkaes JIRA Plugin - License Management (AO_B46611_)

Alkaes JIRA Plugin - Minyaa Time (AO_1AC68F_)

tement*

Alkaes JIRA Plugin - Project Factory (AO_5937ED_)

Alkaes JIRA Plugin Field Administration Enhanced (AO_447760_)

Alkaes JIRA Plugin for User Management by Project Administrator (AO_D...

Advanced Roadmaps Team Management (AO_82B313_)

Advanced Roadmaps for Jira (AO_A415DF_)

Advanced Roadmaps plans (AO_D9132D_)

Atlassian Audit Plugin (AO_C77861_)

Atlassian Data Pipeline Core Plugin (AO_8752F1_)

Atlassian Jira - Plugins - Development Integration Plugin (AO_575BF5_)

Atlassian Jira - Plugins - Diagnostics Plugin (AO_C16815_)

Atlassian Jira - Plugins - Invite User (AO_97EDAB_)

Depending on the retained filtering on Apps Select Box, you will see in **Tables** Select Box only Tables of selected **Apps**.

Apps

Advanced Roadmaps Team Management (AO_82B313_)

Select Core, AO Plugins or any App to filter relevant tables. [Refresh Meta Data](#)

Tables

Select a Table



AO_82B313_ABILITY

AO_82B313_ABSENCE

AO_82B313_AVAILABILITY

AO_82B313_INIT

AO_82B313_PERSON

AO_82B313_RESOURCE

AO_82B313_SKILL

AO_82B313_TEAM

ement*

Apps

Core (Core)



Select Core, AO Plugins or any App to filter relevant tables. [Refresh Meta Data](#)

Tables

itemment*

Select a Table

app_user

audit_changed_value

audit_item

audit_log

avatar

board

boardproject

changegroup

changeitem

clusteredjob

clusterlockstatus

clustermesssage

clusternode

clusternodeheartbeat

clusterupgradestate

columnlayout

columnlayoutitem

Note that the MetaData is loaded and kept in cache. If you deploy a new plugin with new Active Object tables, you will have to force the **Refresh Meta Data**

Apps

All Apps

Select Core, AO Plugins or any App to filter relevant tables

Refresh Meta Data

Tables

Now that your able to filter Tables based on Apps and also find more quickly the expected table.

But, if you may opt for another alternative by switch to the advanced search mode ...

Tables

Select a Table

Select a table to display its columns.

☐ Enable advanced search on Tables and Columns Names

It will allow to enter a term and see the tables filtered by Table Name and/or Columns Name.

Below, we can identify table where the term **user_name** is used ...

Tables

user_name

AO_00B950_AOHISTORICAL_FIELD *FULL_USER_NAME*

AO_00B950_AOHISTORICAL_GENERAL *FULL_USER_NAME*

AO_544E33_GDPR_USER *USER_NAME*

AO_60DB71_RAPIDVIEW *OWNER_USER_NAME*

AO_6FF49D_CORRECTED_EMAIL *USER_NAME*

AO_6FF49D_INCORRECT_EMAIL *USER_NAME*

AO_C77861_AUDIT_ENTITY *USER_NAME*

app_user *lower_user_name*

cwd_user *lower_user_name user_name*

membershipbase *user_name*

SQL Statement

If you are aware with the Database Model, you switch to SQL Statement field directly without selecting **Apps** and/or **Table**, and write the expected SQL statement.

If you have selected a specific Table, an additional section appears : **SELECT and WHERE Clauses** Select box, where all columns of selected Table are displayed.

You select columns in each of these lists to help you to write more quickly your SQL Statement ...

DB Client

Apps

Jira Agile (AO_60DB71_)

Select Core, AO Plugins or any App to filter relevant tables. Refresh Meta Data

Tables

AO_60DB71_RAPIDVIEW

Select a table to display its columns.
☐ Enable advanced search on Tables and Columns Names

Select Clause

CARD_COLOR_STRATEGY
ID
KAN_PLAN_ENABLED
NAME
OLD_DONE_ISSUES_CUTOFF
OWNER_USER_NAME
REFINED_VELOCITY_ACTIVE

Where Clause

CARD_COLOR_STRATEGY
ID
KAN_PLAN_ENABLED
NAME
OLD_DONE_ISSUES_CUTOFF
OWNER_USER_NAME
REFINED_VELOCITY_ACTIVE

Columns used in Select Clause in below SQL Statement. Columns used in Where Clause in below SQL Statement.

SQL Statement*
1 SELECT "ID","NAME","OWNER_USER_NAME" FROM "AO_60DB71_RAPIDVIEW" WHERE NAME = '?'
Here, your SQL Statement built with Select and Where Clauses. Or reuse one of previously executed SQL Statments from SQL History

Execute

You have just to adapt you query and execute it.

Columns used in Select Clause in below SQL Statement. Columns used in Where Clause in below SQL Statement.

SQL Statement* 1 SELECT "ID","NAME","OWNER_USER_NAME" FROM "AO_60DB71_RAPIDVIEW" WHERE "NAME" like 'SSD%'

Here, your SQL Statement built with Select and Where Clauses. Or reuse one of previously executed SQL Statments from [SQL History](#)

Execute

ID	NAME	OWNER_USER_NAME
1	SSD board	JIRAUSER10000
2	SSD3 board	JIRAUSER10000



You see in this sample, that the WHERE Clause has been corrected in order to have a valid SQL Statement since the settings **Quote Object's name** is not yet applied on WHERE Clause, but only on SELECT Clause (future correction 😊)

from	to
NAME = '?'	"NAME" like 'SSD%'

Note also that all executed SQL Statements are memorized ! See this details by clicking on **SQL History** ...

SQL Statement* 1 SELECT "ID","NAME","OWNER_USER_NAME" FROM "AO_60DB71_RAPIDVIEW" WHERE NAME = '?'

Here, your SQL Statement built with Select and Where Clauses. Or reuse one of previously executed SQL Statments from [SQL History](#)

On	By	SQL Statement	Count
19/nov./23 6:17 PM	administrator	SELECT "ID","NAME","OWNER_USER_NAME" FROM "AO_60DB71_RAPIDVIEW"	2
19/nov./23 6:25 PM	administrator	SELECT "ID","NAME","OWNER_USER_NAME" FROM "AO_60DB71_RAPIDVIEW" WHERE NAME like 'SSD%'	0
19/nov./23 6:25 PM	administrator	SELECT "ID","NAME","OWNER_USER_NAME" FROM "AO_60DB71_RAPIDVIEW" WHERE "NAME" like 'SSD%'	2

You will be able to see :

- Executed SQL Statement,
- Row count of its execution (for any query *Select, Insert, Update or Delete*)
- Related Status (*Blue in case of Success, Red in case of Error*)

By clicking on the relevant row, you will see your SQL Statement copied to the **SQL Statement** field, ready for a new execution.



Now you are ready to discover Jira Database Model and enhance your support capacities.