

Odysseus User Management

Odysseus provides a fine grained user management. Users can be managed with [Odysseus Script](#) or [CQL](#).

Permissions

Typically, a user has all rights on the elements he/she creates., i.e. a user can start a query that he/she has created. Permission (e.g. to stop a query) can be given to other users. This is the list of typically available permissions in Odysseus. The set of permissions can be extended by other plugins.

| Permission | Explanation |
|-------------------------|--|
| ADD_ENTITY | Right to define a new source schema |
| GET_ENTITY | Right to read the schema of a source |
| REMOVE_ENTITY | Right to remove a source schema |
| ADD_DATATYPE | Right to add a new datatype |
| ADD_SOURCETYPE | Right to add a new source type |
| ADD_STREAM | Right to attach a stream to the system |
| REMOVE_STREAM | Right to remove a single from the system |
| REMOVE_VIEW | Right to remove a single view from the system |
| ADD_VIEW | Right to add a view to the system |
| READ | Right to read elements from a query |
| ADD_STORED_PROCEDURE | Right to add a stored procedure |
| REMOVE_STORED_PROCEDURE | Right to remove a stored procedure |
| EXECUTE | Right to execute a stored procedure |
| ADD_STORE | Right to add a context store |
| REMOVE_STORE | Right to remove a context store |
| GET_ALL | Right to get all information (e.g. for queries or views) |
| REMOVE_ALL | Right to remove all (e.g. queries or views) |
| CREATE_TENANT | Right to create a new tenant |
| CREATE_USER | Right to create a new user |
| ALTER_USER | Right to alter a user (e.g. change password) |
| DELETE_USER | Right to remove a user from the system |
| DEACTIVATE_USER | Right to deactivate a user |
| SET_SYSTEM_USER | Right to declare a user a system user (administrator) |
| CREATE_ROLE | Right to create roles |
| DELETE_ROLE | Right to delete roles |
| GRANT | Right to grant (some) permissions |
| GRANT_ALL | Right to grant all permissions |
| REVOKE | Right to revoke (some) permissions |
| REVOKE_ALL | Right to revoke all permissions |
| GRANT_ROLE | Right to grand a user to a role |
| REVOKE_ROLE | Right to revoke a role from a user |
| LOGOUT | Right to logout |
| GET_ALL_USER | Right to see all users |

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| SUDO_LOGIN | Right to login as other user |
| ADD_QUERY | Right to create a query |
| GET_QUERY | Right to access a single query |
| START_QUERY | Right to start a single query |
| STOP_QUERY | Right to stop a single query |
| REMOVE_QUERY | Right to remove a single query |
| SUSPEND_QUERY | Right to suspend a single query |
| RESUME_QUERY | Right to resume a single query |
| PARTIAL_QUERY | Right to set a single query to partial state |
| START_ALL_QUERIES | Right to start any query |
| STOP_ALL_QUERIES | Right to stop any query |
| REMOVE_ALL_QUERIES | Right to remove any query |
| GET_ALL_QUERIES | Right to access any query |
| SET_SCHEDULER | Right to set the scheduler |
| START_SCHEDULER | Right to start the scheduler |
| STOP_SCHEDULER | Right to stop the scheduler |
| RUN_COMMAND | Right to run a command |
| SET_PARAM | Right to set an Odysseus parameter (Odysseus Configuration) for the current running instance |
| SAVE_PARAM | Right to set an Odysseus parameter and persist this |