Cli script guidebook

Available commands:

User:
   aino --user register <user_name> <password>   // Register a new user
        aino --user login <user_name> <password>   // Login to a user
        aino --user remove <user_name>   // remove a user (you have to be admin to do that)
        aino --user make_admin <user_name>   // make a user as an admin (you have to be admin
to do that)

Project:

        aino --project create <project_name> <project_description>   // create a project
        aino --project select <project_id>   // select an existing project
        aino --project remove <project_id>   // remove a project
        aino --project deselect   // deselect a project
        aino --project list   // list all projects
        aino --project clear <project_id>   // clear all nodes in a project
        aino --project load <project_id>   // loads a poject from database
        aino --project get <project_id>   // get all nodes in a project

node:

        aino --node create <node_name> <args>   // create a node
        aino --node edit <node_name> <node_id> <args>   // update an existing node
        aino --node remove <node_name> <node_id>   // remove an existing node
        aino --node show <node_name> <node_id> <output_port>// get a node
        aino --node list   // list all nodes

General:

        aino --general recent   // get recent project with recent user automatically
        aino --general help   // list all possible commands

expected output for each command:

register:
        Success: "User {username} created."
        Fail: "User {username} already exists."
login:
        Success: "User {username} selected."
        Fail: "Invalid username or password."
remove_user:
        Success: "User {username} removed."
        Fail: "User does not exist." Or "You must be an admin to remove users."
make_admin:
        Success: "User {username} is now an admin."
        Fail: "You must be an admin to make other users admins." Or "User does not exist."
create_project:
        Success: "Project {project_id} created."
select_project:
        Success: "Project {project_id} selected."
        Fail: "No user selected." Or "Project does not exist."
deselect_project:
        Success: "Project deselected."
list_projects:
        Success: "Projects: "
        Fail: "No user selected."
remove_project:
        Success: "Project {project_id} removed."
        Fail: "Project does not exist." Or "No user selected."
clear_project:
        Success: "Project {project_id} cleared."
        Fail: "No user selected."
load_project:
        Success: a list of json format
get_project:
        Success: a list of json format
make:
        Success: json format for the created node
        Fail: "Error creating Node" Or "No Project selected." Or "Node {node_name} not found in the mapper."
Edit:
        Success: json format for the updated node
        Fail: "No Project selected." Or "Node {node_name} not found in the mapper." Or "Node {block_id} not found." Or "Error Updating Node"
remove:
        Success: "Node {block_id} removed."
        Fail: "No Project selected." Or "Node {node_name} not found in mapper." Or "Node {block_id} not found." Or "Error Removing Node"
Show:
        Success: a json format for the node
        Fail: "No Project selected." Or "Node {node_name} not found in the mapper." Or "Node {block_id} not found." Or "Error getting Node"

All Possible node_name values:

ridge
lasso
linear_regression
sgd_regression
elastic_net
sgd_classifier
ridge_classifier
logistic_regression
rbf_svr
linear_svr
poly_svr
sigmoid_svr
rbf_svc
linear_svc
poly_svc
sigmoid_svc
bagging_regressor
adaboost_regressor
gradient_boosting_regressor
decision_tree_regressor
random_forest_regressor
bagging_classifier
adaboost_classifier
gradient_boosting_classifier
decision_tree_classifier
random_forest_classifier
gaussian_nb
bernoulli_nb
multinomial_nb
knn_regressor
knn_classifier
model_fitter
predictor
evaluator
maxabs_scaler
normalizer
minmax_scaler
robust_scaler
standard_scaler
label_encoder
onehot_encoder
ordinal_encoder
label_binarizer
knn_imputer
simple_imputer
binarizer
preprocessor_fitter

transformer
fitter_transformer
data_loader
splitter
joiner
train_test_split
input_layer
conv2d_layer
maxpool2d_layer
flatten_layer
dense_layer
dropout_layer
sequential_model
nn_fitter
model_compiler