Client

Client

Name
Login
Password
Host
Port

__init__(ClientConfig)
Set_name(name)
Set_login(login)
Set_password(password)
Get_name()
Get_login()
Get_password()
Form_message(text)
Form_registration_message()
From_autorisation_message()
Form_request_message()
Send_message(message)
Check_message(message)
Parse_message(string)
Handle_errors(error_message)
Register()
Authorise()

Message

Sender
From_name
Reciever
Body
Date
Type

__init__(json)
Get_type()
Get_body()
Get_date()
Get_sender()
Get_sender_name()
Get_reciever()
Set_type(type)
Set_body(text)
Set_date(date)
Set_sender(client_login)
Set_sender_name(client_name)
Set_reciever(client_login)

ClientConfig(Config)

Login
Password
Name

__init__(config_path)
Set_name(name)
Set_login(login)
Set_password(password)
Set_host(host)
Set_port(port)
Get_host()
Get_port()
Get_name(name)
Get_login(login)
Get_password(password)

Server

Server (TCPServer, BaseRequestHandler)

Handle_request()
Check_message(message)
Get_client(message)
Check_active(server_client)
Activate_client(server_client)
Deactivate_client(server client)
Check_registration(server_client)
Ask_registration(server_client)
Ask_authorization(server_client)
Form_message(message_type, text, server_client)
Form_error_message(server_client, error_text)
Send_messages(server_client)

Message

Sender
From_name
Reciever
Body
Date
Type

__init__(json)
Get_type()
Get_body()
Get_date()
Get_sender()
Get_sender_name()
Get_reciever()
Set_type(type)
Set_body(text)
Set_date(date)
Set_sender(client_login)
Set_sender_name(client_name)
Set_reciever(client_login)

ServerClient

Name
Login
Password
IsActive

__init__(name, login, password, isActive = 1)
Get_name()
Get_login()
Get_password()
Get_active()
Set_name(name)
Set_login(login)
Set_password(password)
Set_active(isActive)

MessageType

Type
Description

__init__(type, description = ' ')

2..*

1..*

Config

Host
Port

__init__(config_path)
Set_host(host)
Set_port(port)
Get_host()
Get_port()

ServerConfig(Config)

DB_server
DB_user
DB_user_password
DB_name

__init__(config_path)
Set_host(host)
Set_DB_server(DB_server)
Set_DB_user(DB_user)
Set_DB_user_password(DB_user_password)
Set_DB_name(DB_name)
Get_host()
Get_DB_server()
Get_DB_user()
Get_DB_user_password()
Get_DB_name()