Client related information (basically filling in the settings according to the screenshot below)

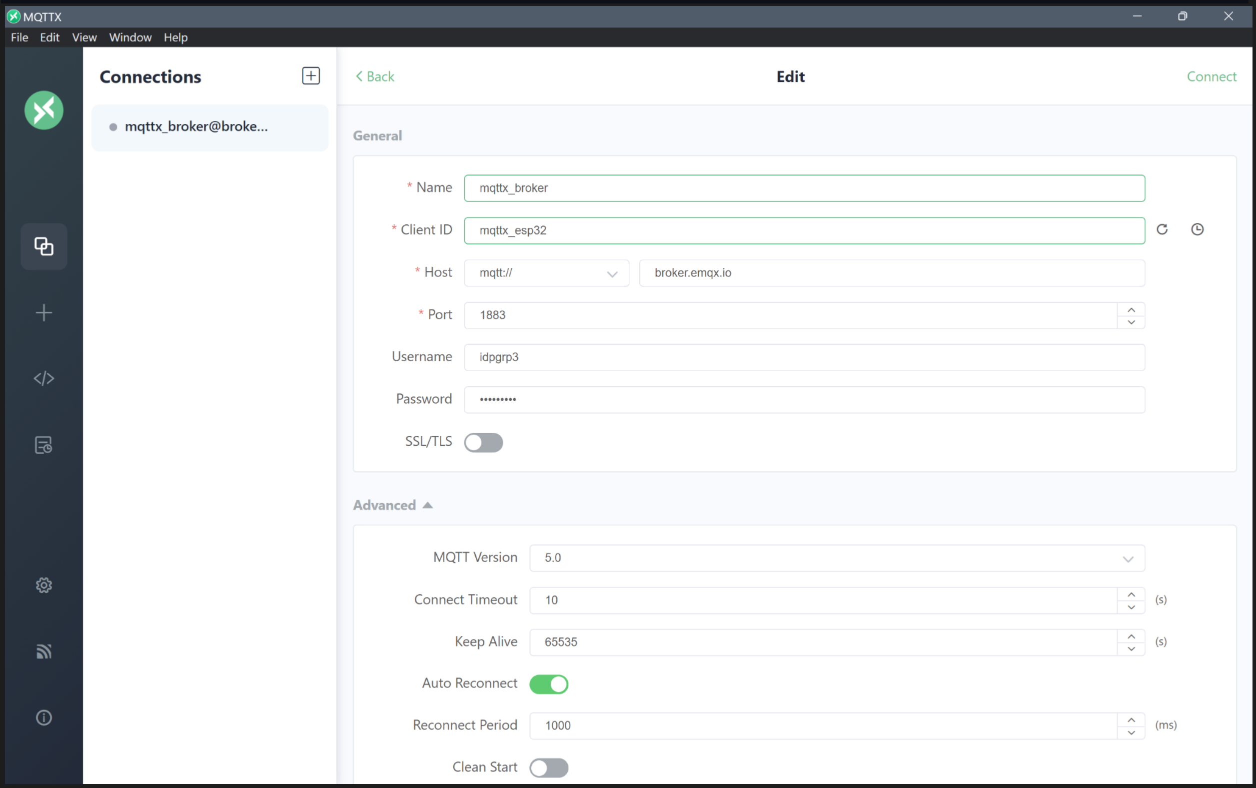
After entering the creation page, it is required to configure or fill in the relevant information for connecting to the client.

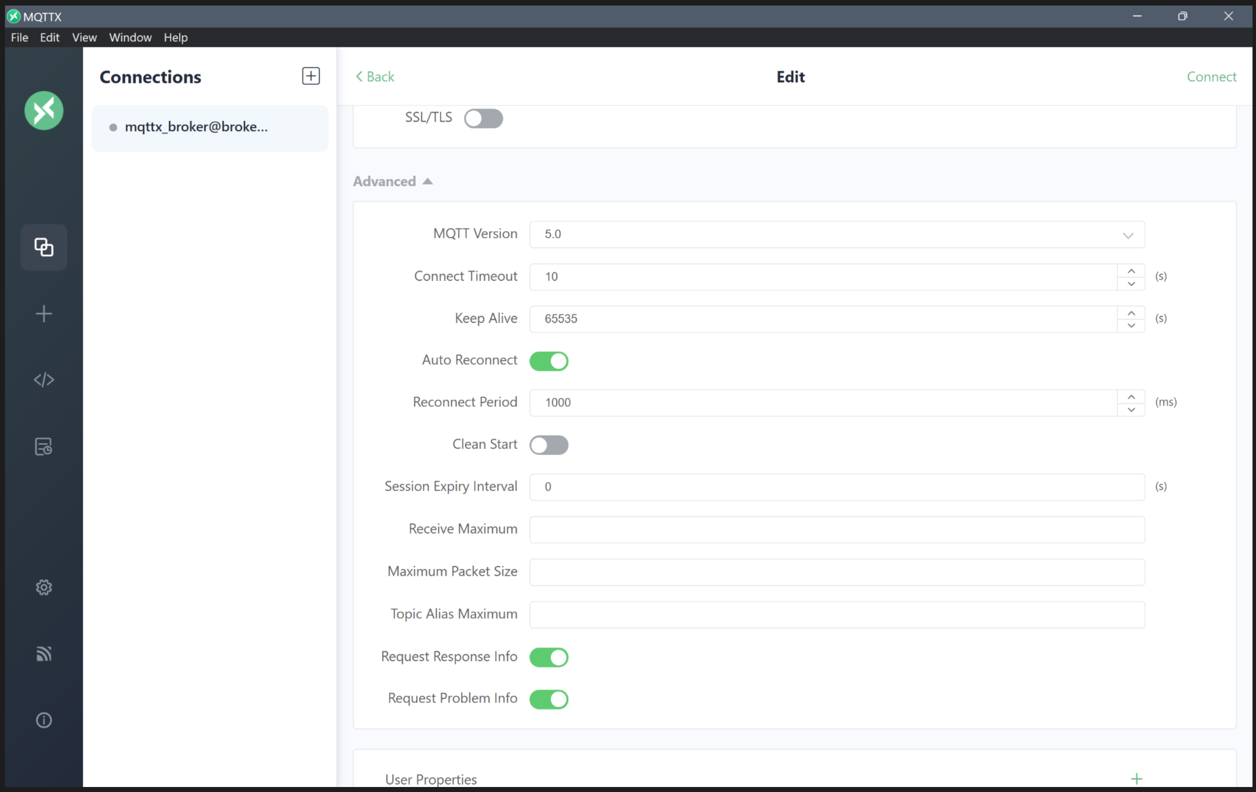
1. Broker information (under General)

When configuring the `Broker` information,`Client ID`, `Host`, and `Port` are already filled in by default. You can also modify it by yourself based on the actual `Broker` information.
Click the refresh button to the right of `Client ID` to quickly generate a new `Client ID`.
The drop-down box in front of `Host` is used to select the connection protocol, which supports `mqtt: //`, `ws: //`. If an `SSL / TLS` authentication connection is used, it needs to be modified to `mqtts: //`. , `Wss: //`.
Note: When the protocol is modified, the connection port needs to be modified.

2. User authentication information (for username & password)

If your broker has enabled user authentication, you can fill in the information of `Username` and `Password` in the configuration item. (Username: idpgrp3; Password: turtlebot)

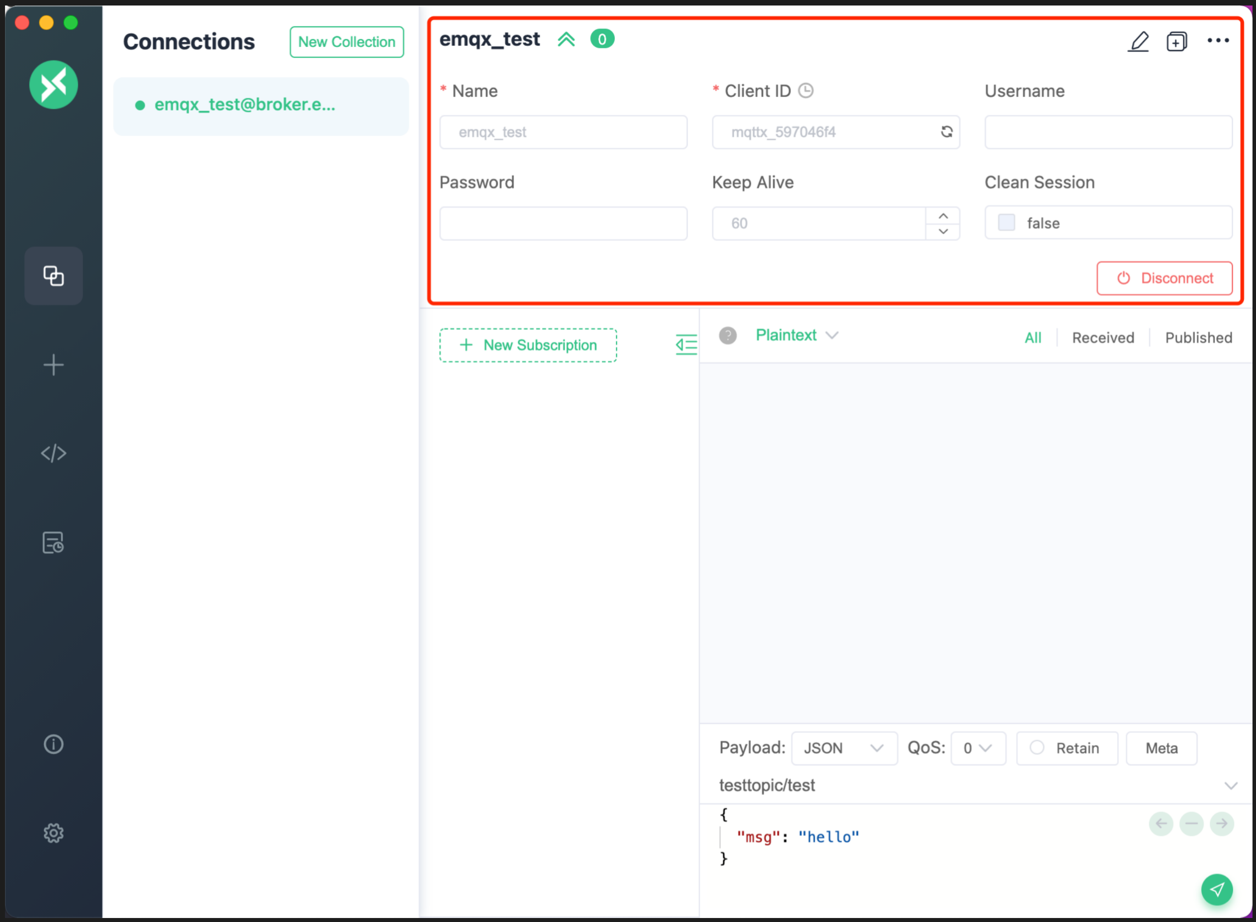




Publish and subscription of message

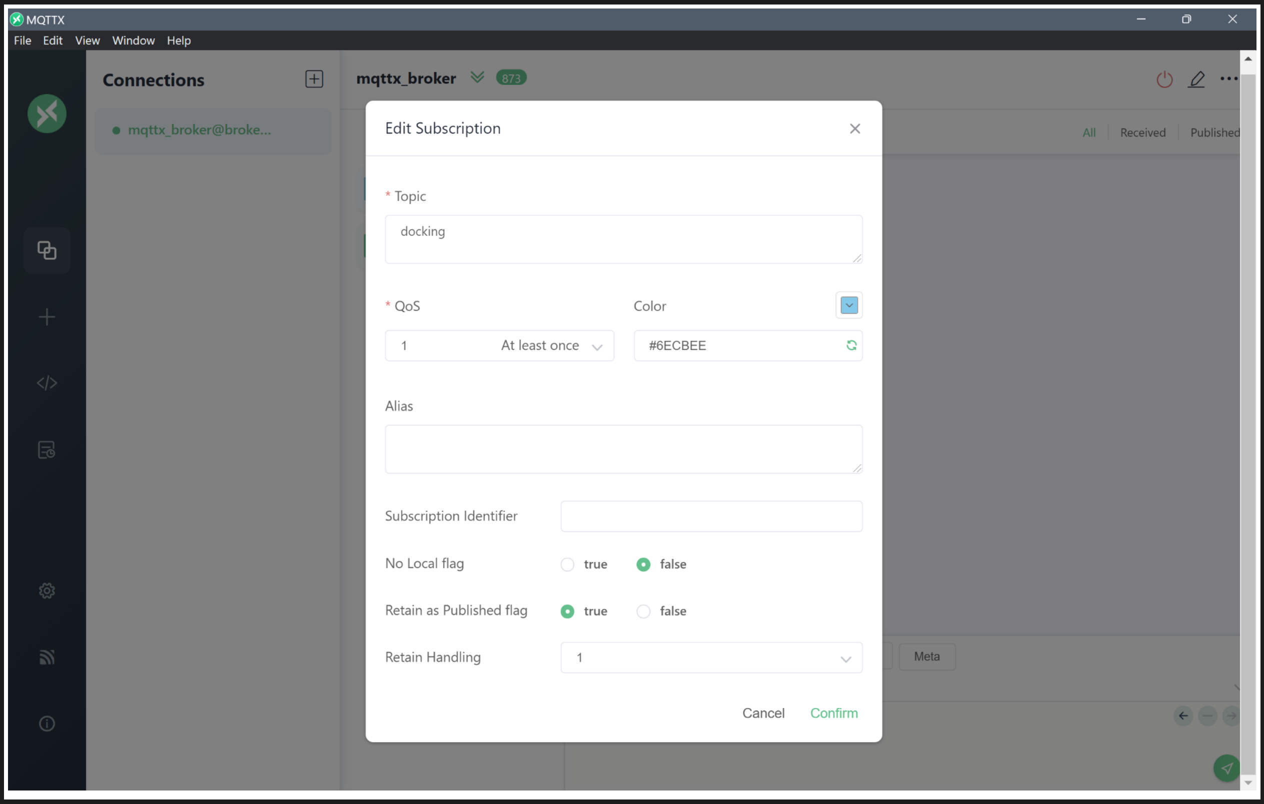
1. Main interface

After the connection is successful, you can enter the main interface of the connection. Click the fold button next to the connection name at the top to expand and display some basic information of the configuration. It is convenient to quickly modify several commonly used configurations of the connection. You need to disconnect when modifying, and click connect again to take effect. After each successful connection, the panel will automatically fold up. In the disconnected state, you can also click the configuration button on the right to modify more connection configurations.



2. Add subscription

Click the `New Subscription` button in the lower left corner to quickly add a Topic. Each Topic can be marked with a color, which can be randomly generated or opened by the color selector. The rightmost button at the top of the subscription list can hide the subscription list to show more space on the page. After the addition is complete, click on the subscribed Topic items in the subscription list to achieve message filtering. The message view will only display the message content subscribed to the current topic. Click again to cancel the filter; You can also directly click other subscribed Topic items to view the corresponding message content. By clicking on the topic name, you can quickly copy the current topic information. When you need to send a message to this topic, you can quickly paste it into the topic input box of the message bar to modify it, and you can quickly complete the operation.


MQTTX
File Edit View Window Help
Connections
mqttx_broker@broke...
mqttx_broker
873
All
Received
Published
Edit Subscription
* Topic
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* QoS
1
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Color
#6ECBEE
Alias
Subscription Identifier
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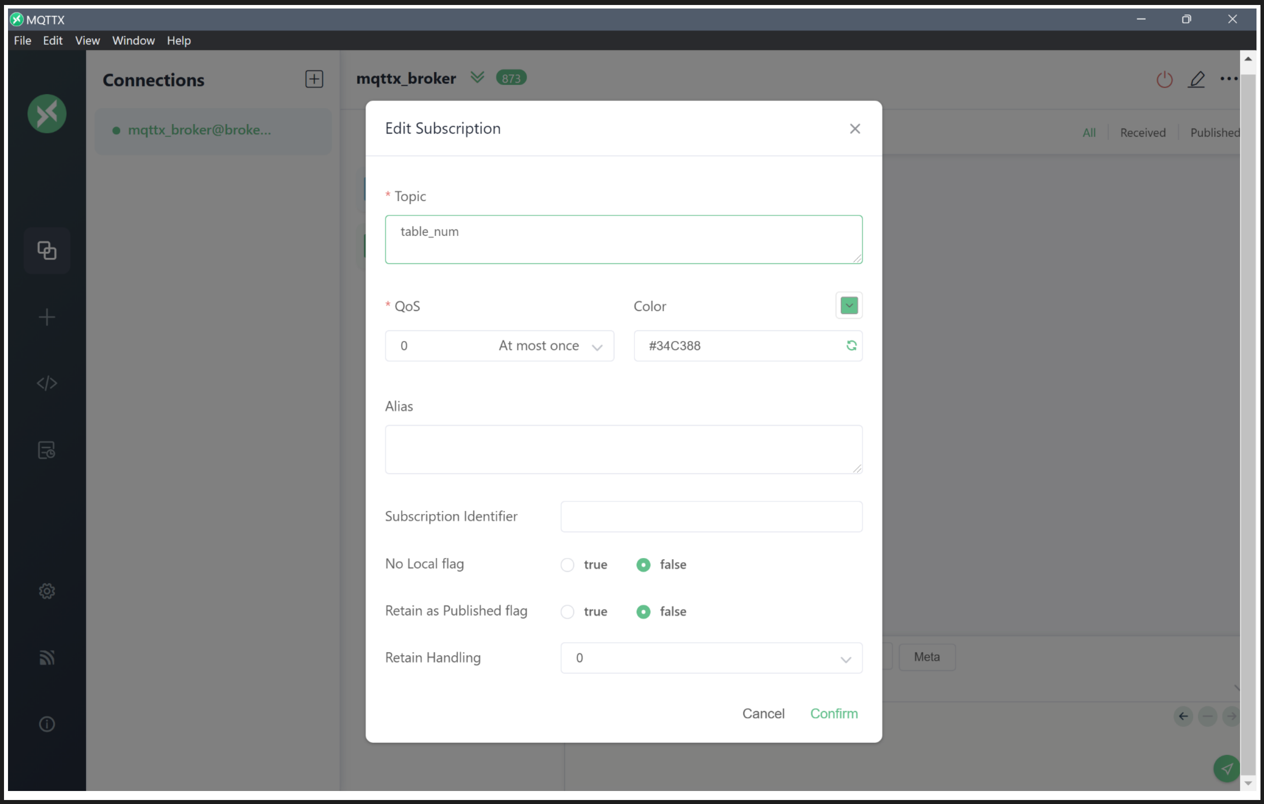
false
Retain as Published flag
true
false
Retain Handling
1
Meta
Cancel
Confirm


MQTTX
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873
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* QoS
0
At most once
Color
#34C388
Alias
Subscription Identifier
No Local flag
true
false
Retain as Published flag
true
false
Retain Handling
0
Meta
Cancel
Confirm