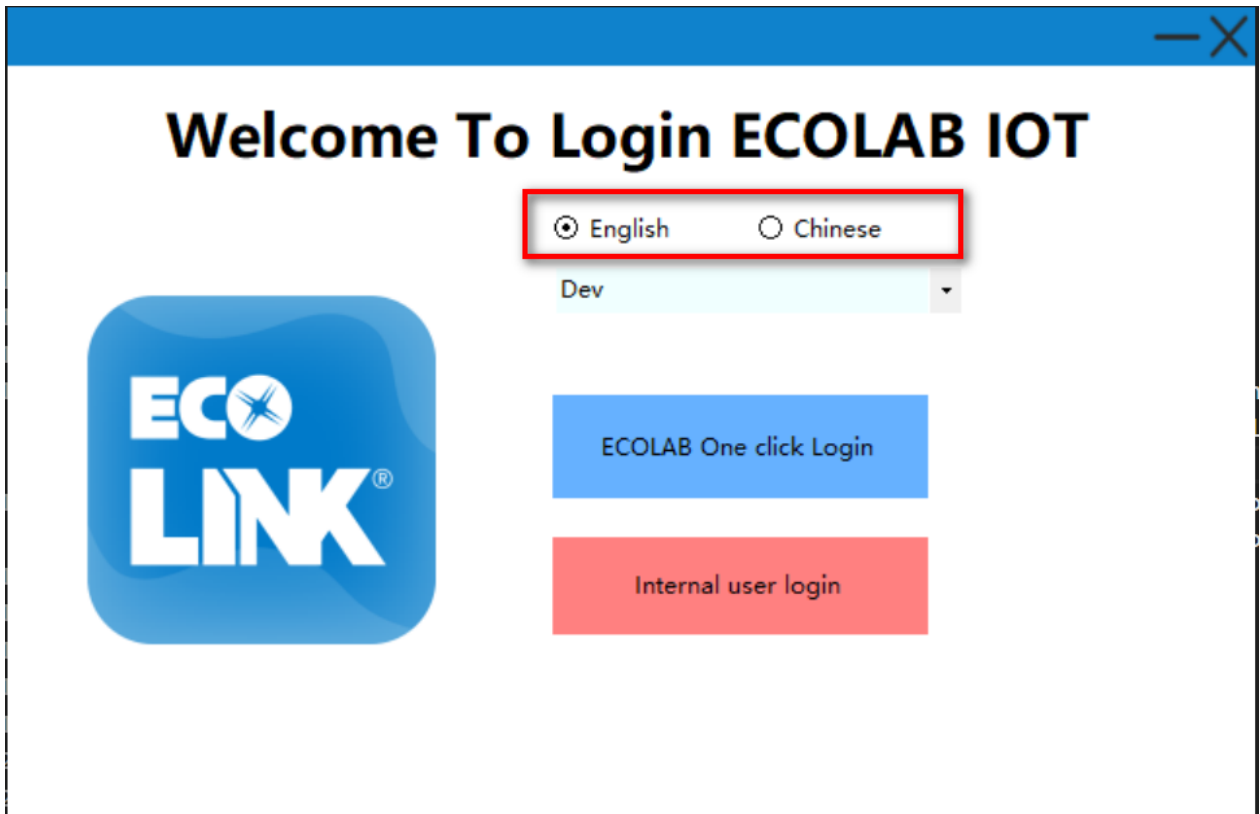


# Ecolink\_SNPSK\_tool

## Instructions

- Sign in

1. Select a language.



—X

**Welcome To Login ECOLAB IOT**

☒ English ☐ Chinese

Dev

**ECOLINK®**

ECOLAB One click Login

Internal user login

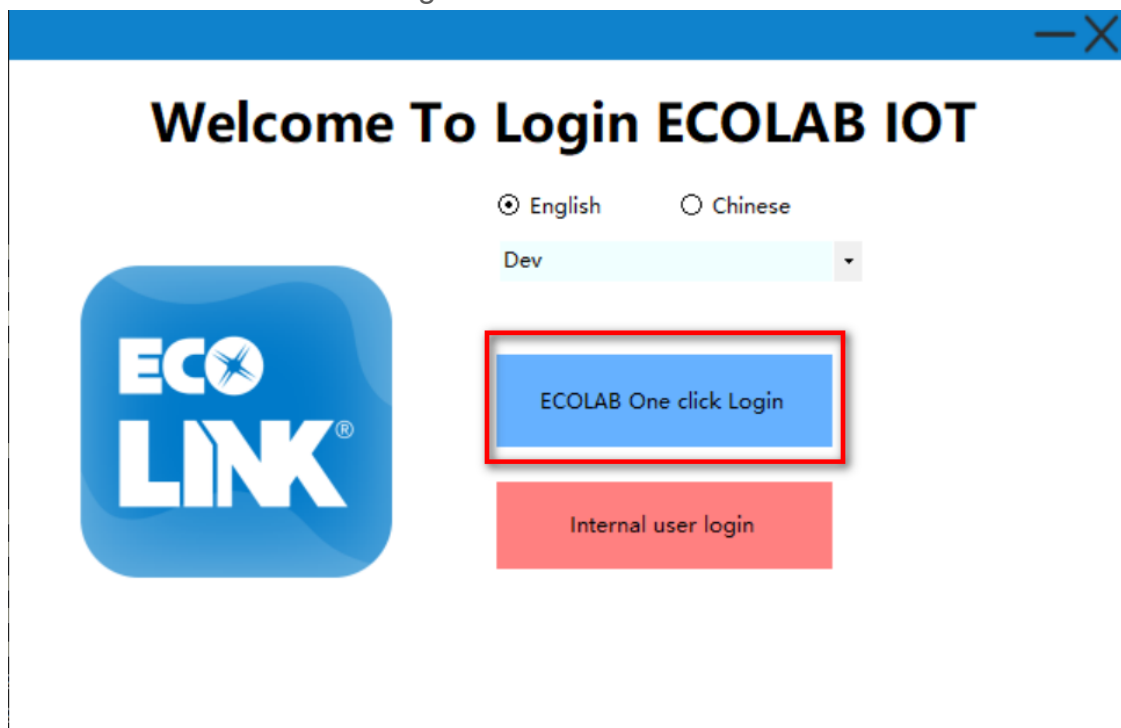
2. Select the login environment.



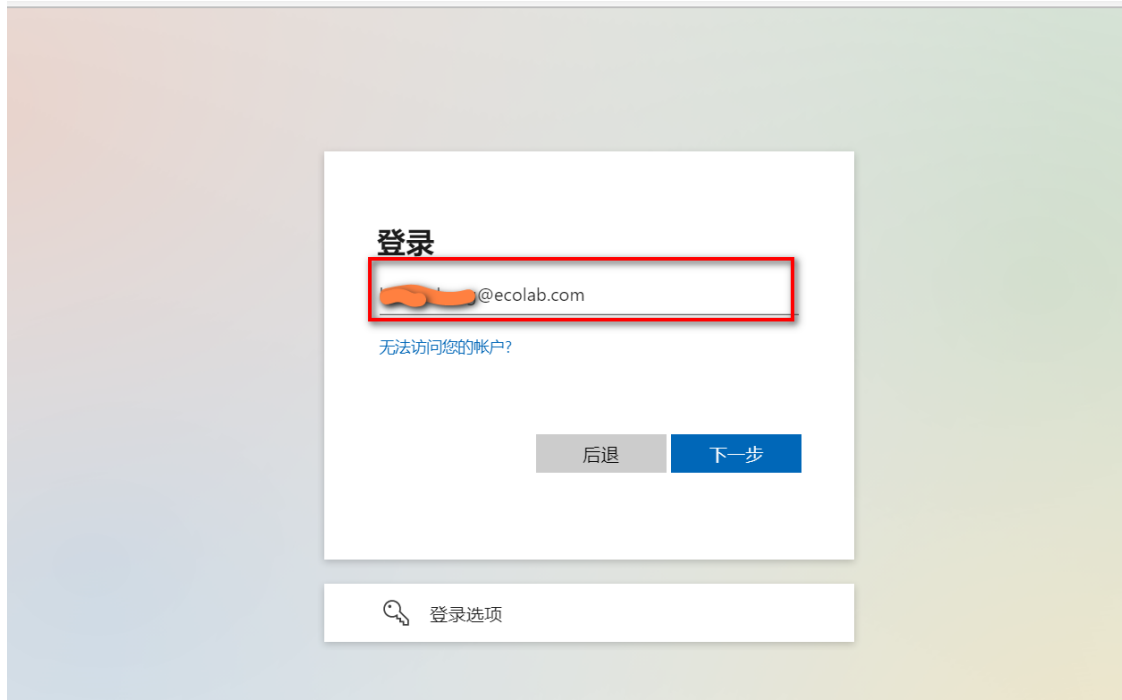
3. Select the login method, and select either of the two methods.

- ECOLink One click login.

1. Click "ECOLink One Click Login" button.

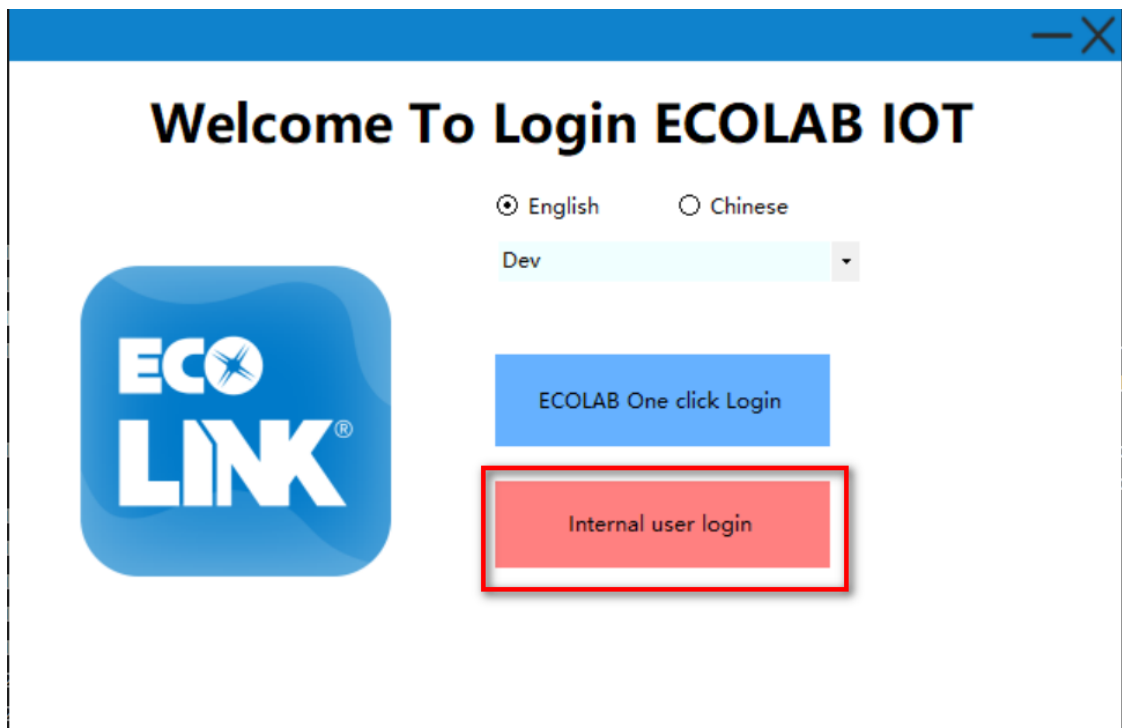


2. Navigate to the browser automatically, enter your ecolab email in the browser as your login account, and then click Next to enter your password, and then enter Verify. After successful login, you can close the browser and automatically log in to the main form.



- Internal account login

1. Click "Internal account login" button.



2. Enter the user name and password, and click Login.

—X

# Welcome To Login ECOLAB IOT

☒ English ☐ Chinese

Dev



Username

User

Password

Password

LoginBack


3. Click the Back button to switch the login mode.

—X

# Welcome To Login ECOLAB IOT

☒ English ☐ Chinese

Dev



Username

User

Password

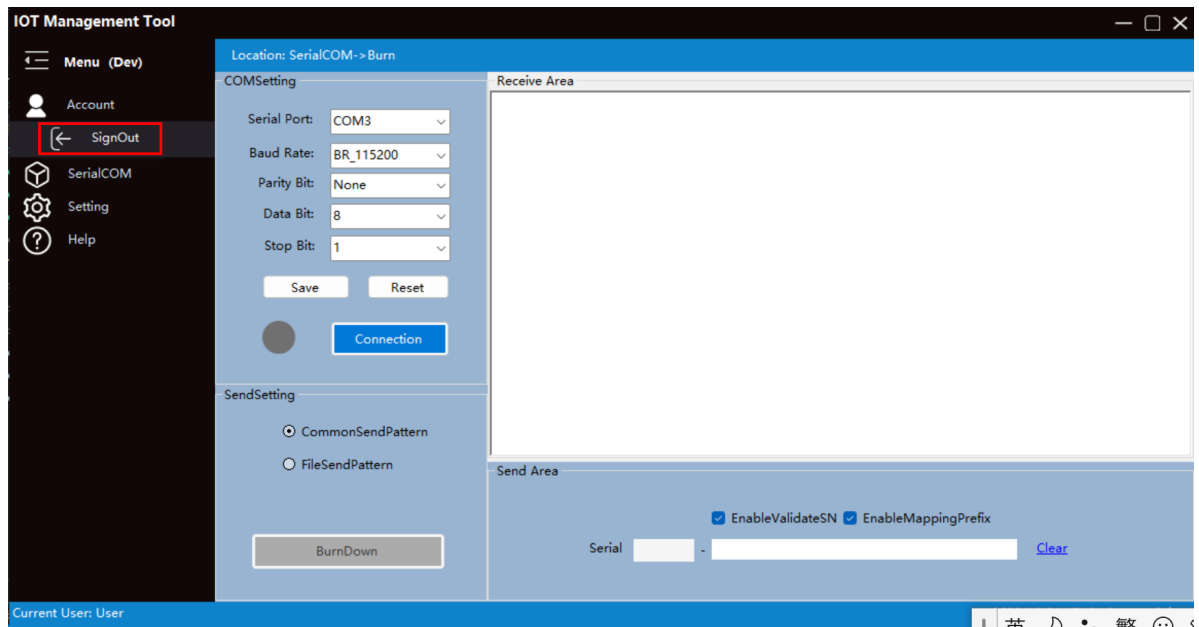
Password

LoginBack

- main interface

- Account

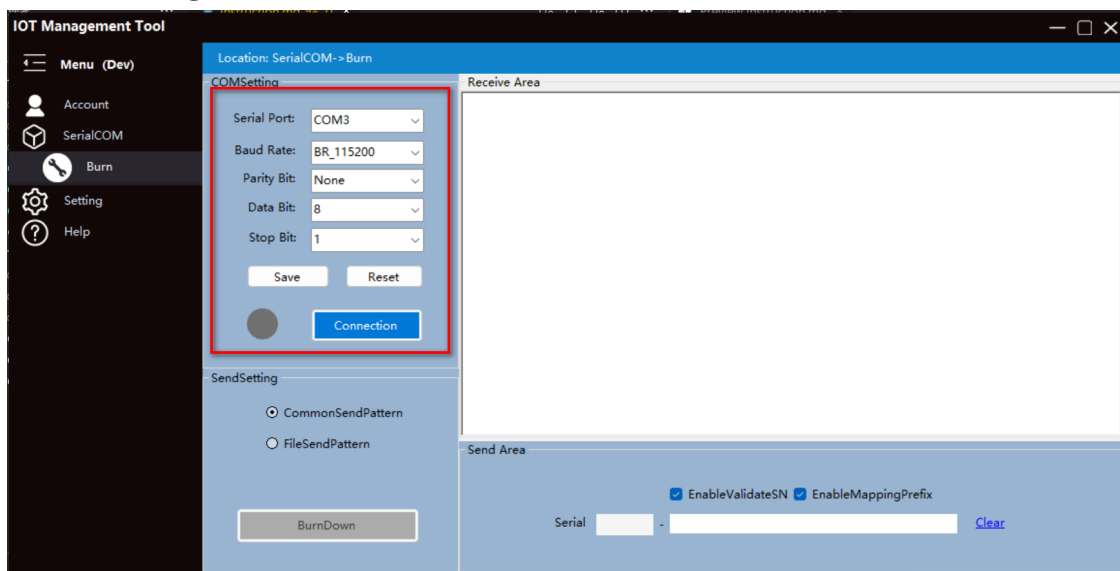
- Sign out, Click the Sign out menu to exit the main interface and return to the login interface, where you can switch the login language, environment and account.



- SerialCOM

- Burn, Mainly used to write SN and PSK numbers.

1. Configure serial port parameters and select "Connection" to connect the port of the burning device.



2. Select the correct transmission mode in the "SendSetting", enter the correct SN number or select the corresponding file.

- CommonSendPattern, Write SN and PSK to the device. See the following figure for specific rules.

Note:

Display rules for prefixes.

1. "EnableMappingPrefixs" checked

The prefix will take the first three letters, and then match the settings in

"Application ID Management" to associate the target prefix.

For example, if you enter AAA121212123, the target prefix set in "Application ID Management" is SSS, and the source prefix is AAA. The prefix here will display SSS.

## 2. "EnableMappingPrefixs" unchecked

2.1 If the first three characters entered are DMC or CON, the prefix will display DMC.

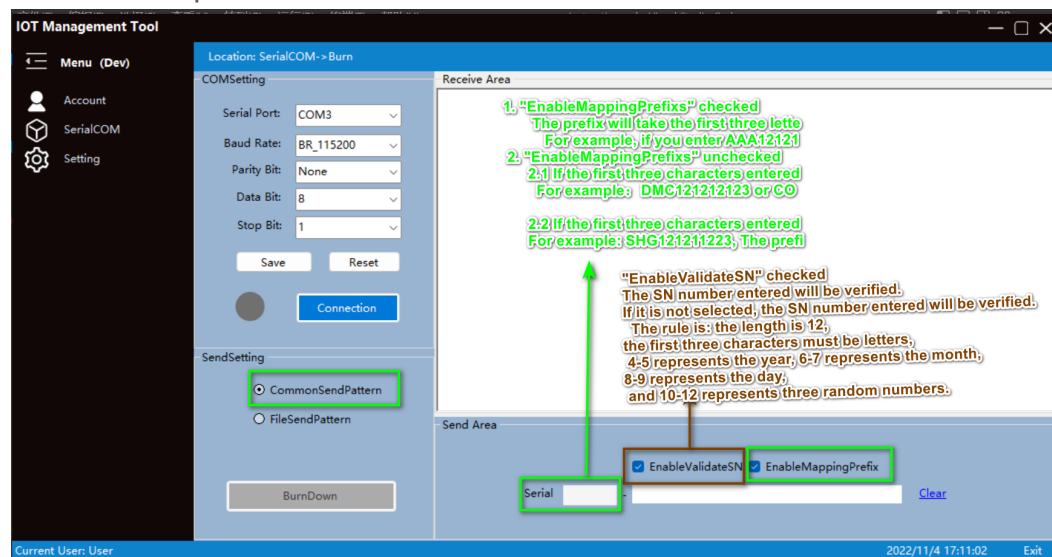
For example: DMC121212123 or CON121212123, the prefix will display DMC.

2.2 If the first three characters entered are not DMC or CON, it displays the first three characters of the input box.

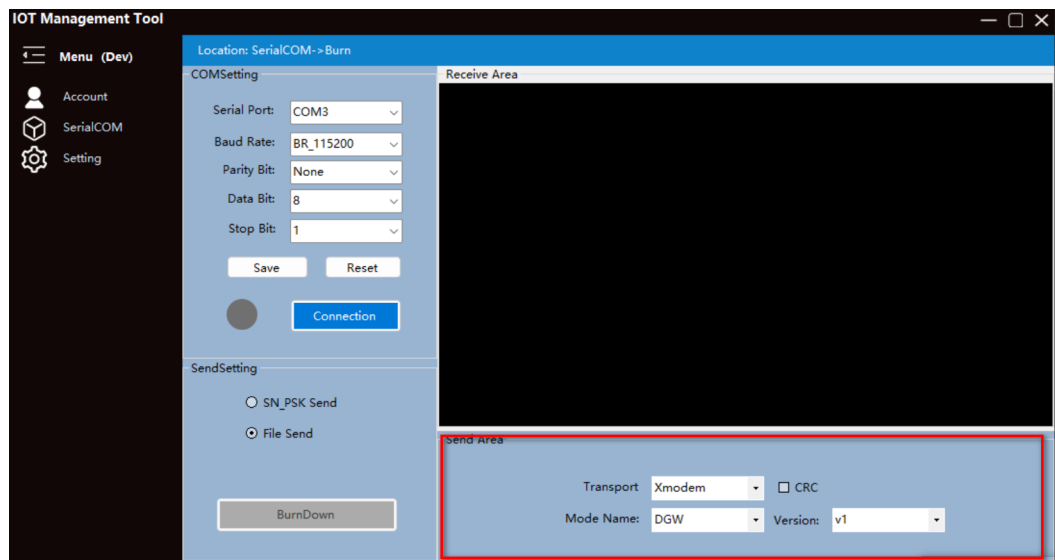
For example: SHG121211223, The prefix is SHG, as shown in the figure.

"EnableValidateSN" checked, The SN number entered will be verified. If it is not selected, the SN number entered will be verified.

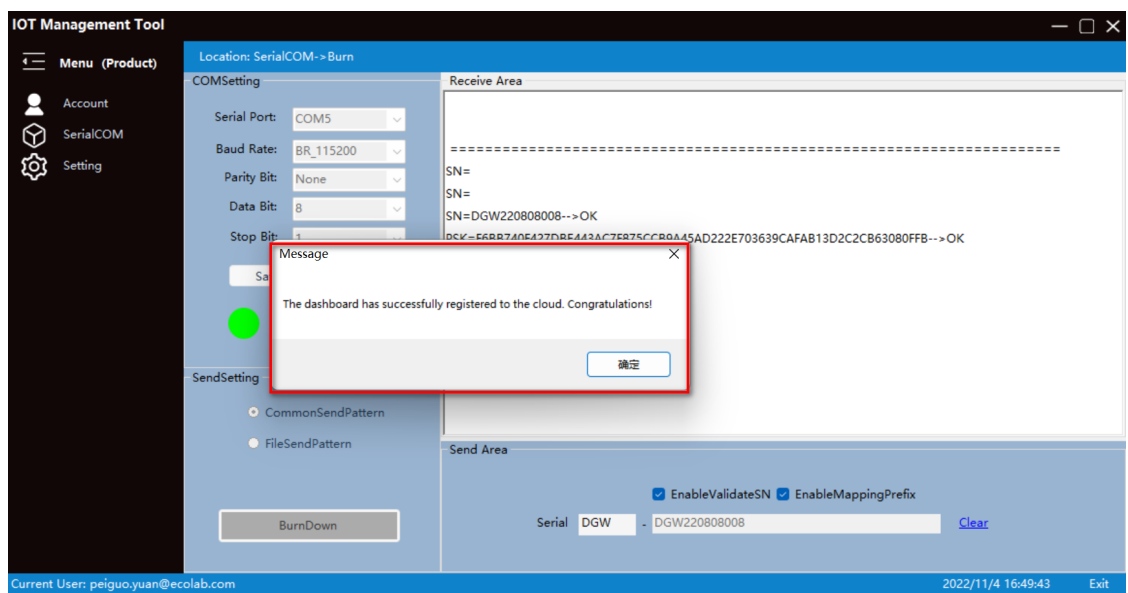
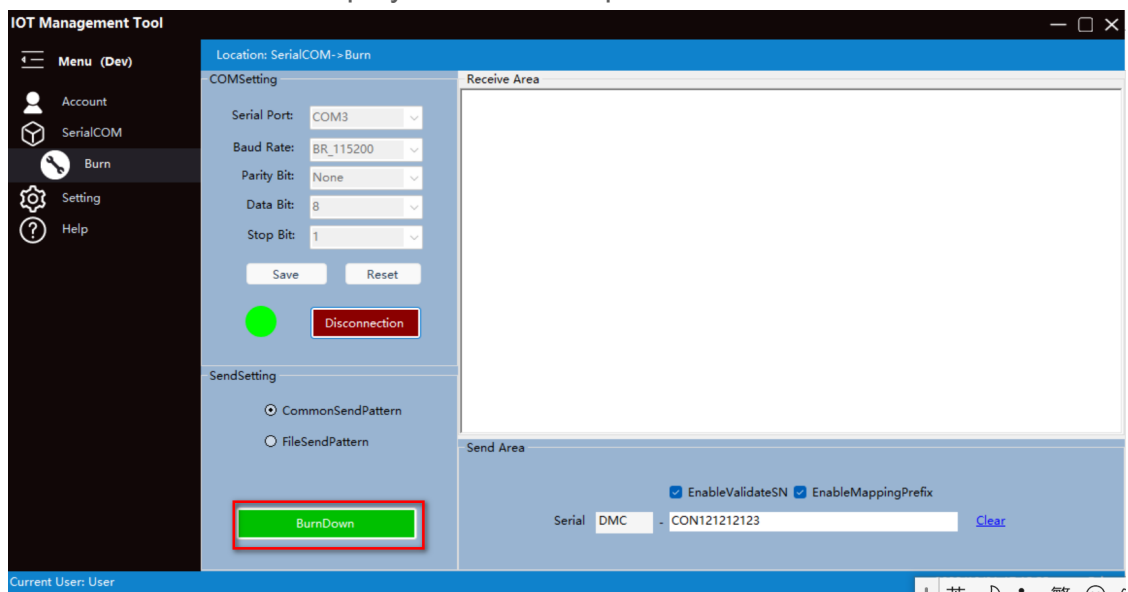
The rule is: the length is 12, the first three characters must be letters, 4-5 represents the year, 6-7 represents the month, 8-9 represents the day, and 10-12 represents three random numbers.



- FileSendPattern, Send the NVRAM configuration file of Dragon Gateway to the gateway.



3. Click the "BurnDown" button and wait for the return result. The success and failure results will be displayed in the acceptance area.



- Setting

- Environment (The configuration of the generation environment can only be operated by super user)

Parameter Description:

Name: Environment name, self defined, please use English, such as test,product

ClientId: ClientId corresponding to Keyvalut, viewed in AZURE cloud.

ClientSecret: Keyvalut corresponding to ClientSecret, viewed in AZURE cloud.

TenantId: Keyvalut corresponding to ClientSecret, viewed in AZURE cloud.

KeyVaultUrl: Keyvalut corresponding to ClientSecret, viewed in AZURE cloud.

PlatformName: PlatformName corresponding to the registered device.

DeviceRegisterUrl: URL of the device (Concierge service, internal API)

- Add, enter the corresponding value in the lower input box, and select Save.

Location: Setting->Environment

	Name	ClientId	ClientSecret	TenantId	KeyVaultUrl	PlatformName	DeviceRegisterUrl	
▶	Dev	b87470b-3dbe-4...	*****	f39ef5cf-dd34-482...	https://cn-ins-edm...	CN-INS-EDMIOT-I...	https://cn-ins-edm...	Delete
	Product	b87470b-3dbe-4...	*****	f39ef5cf-dd34-482...	https://cn-ins-edm...	CN-INS-EDMIOT-I...	https://cn-ins-edm...	Delete

Maintenance information

Name:  PlatformName:

ClientId:  DeviceRegisterUrl:

ClientSecret:

TenantId:

KeyVaultUrl:

Current User: User

01:21 0.0 98 行 65, 列 35 空格 | 英 月 日 繁 日

- Delete. In the table, click Delete.

Location: Setting->Environment

	Name	ClientId	ClientSecret	TenantId	KeyVaultUrl	PlatformName	DeviceRegisterUrl	
▶	Dev	b87470b-3dbe-4...	*****	f39ef5cf-dd34-482...	https://cn-ins-edm...	CN-INS-EDMIOT-I...	https://cn-ins-edm...	Delete
	Product	b87470b-3dbe-4...	*****	f39ef5cf-dd34-482...	https://cn-ins-edm...	CN-INS-EDMIOT-I...	https://cn-ins-edm...	Delete

Maintenance information

Name:  PlatformName:

ClientId:  DeviceRegisterUrl:

ClientSecret:

TenantId:

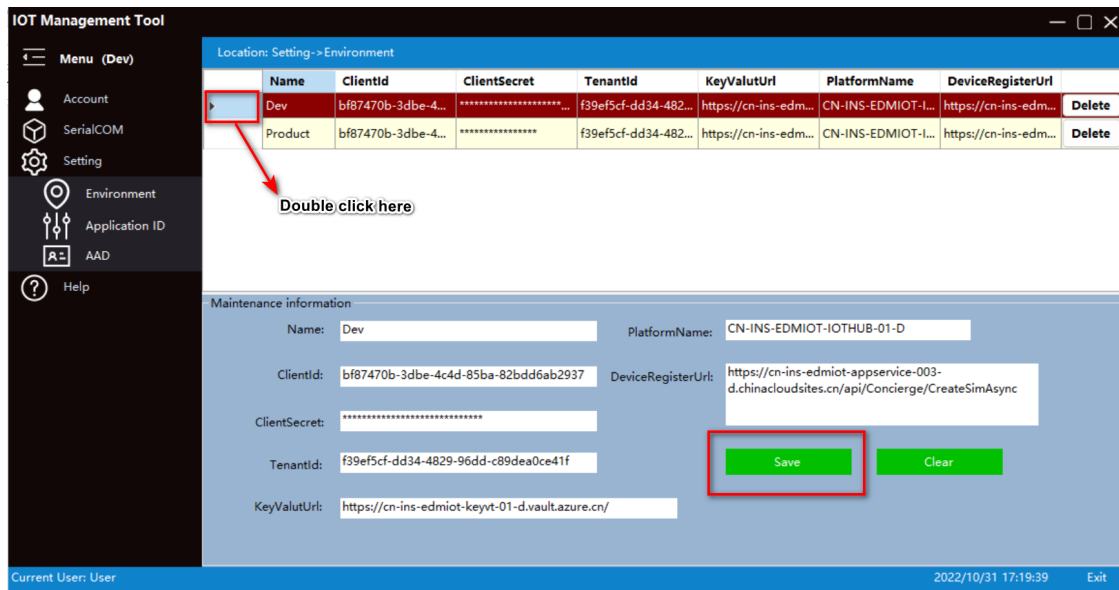
KeyVaultUrl:

Current User: User

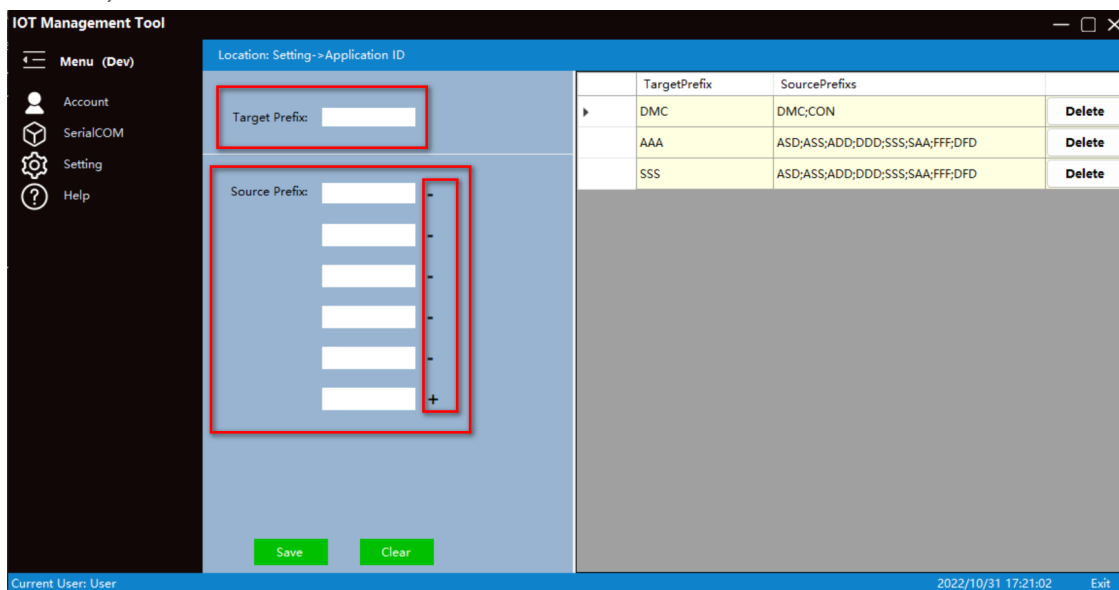
2022/10/31 17:18:41 Exit



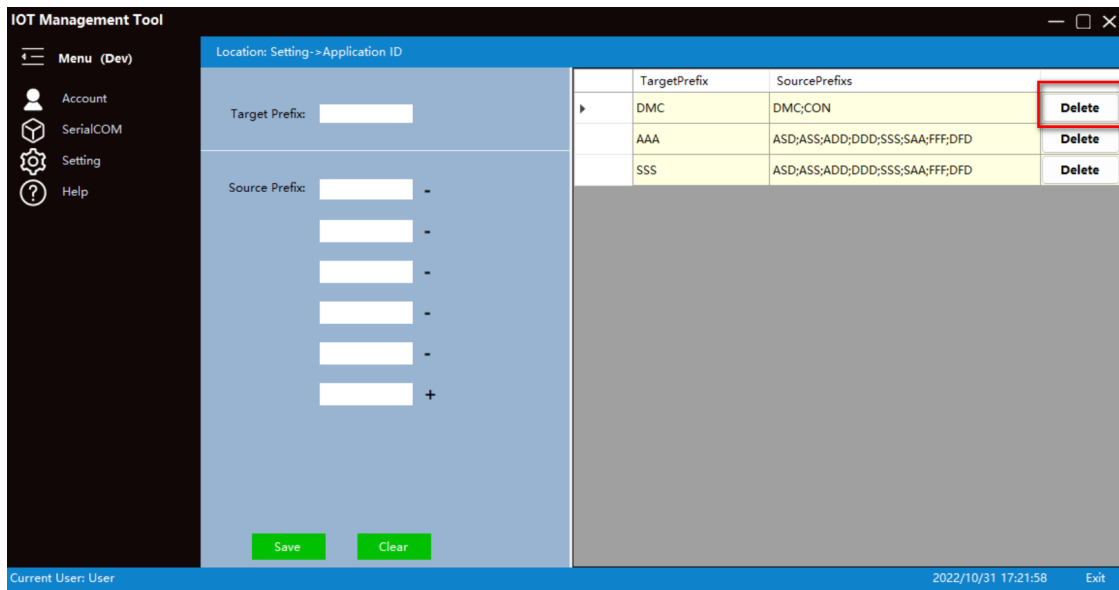
- Modify. Double click the mouse at the head of the form, and the corresponding value will be displayed in the lower input box. Then modify the corresponding value and click Save.



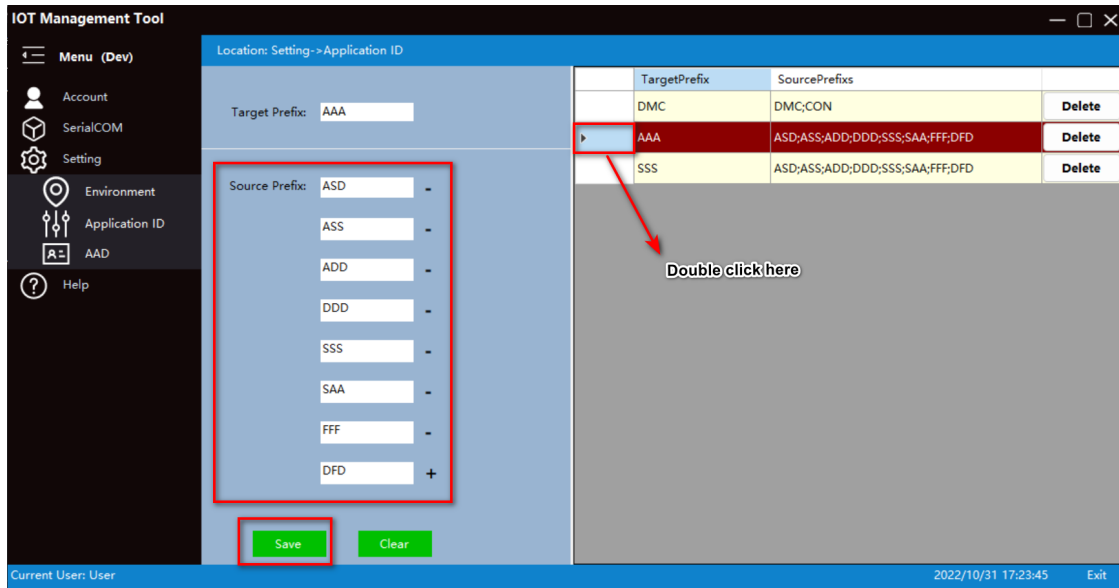
- Application ID management. This page is used to generate the specified AppID as the device number prefix for the SN prefix. Please refer to the "Main Interface ->Serial Port ->Burning ->2 ->General Sending Mode" section. The corresponding picture contains specific rules.
- Add, enter the corresponding target prefix and source prefix on the left, and click Save. (The + or - at the back of the input box can be used to add or delete a new input box for the source prefix, and up to 8 target prefixes can be added.)



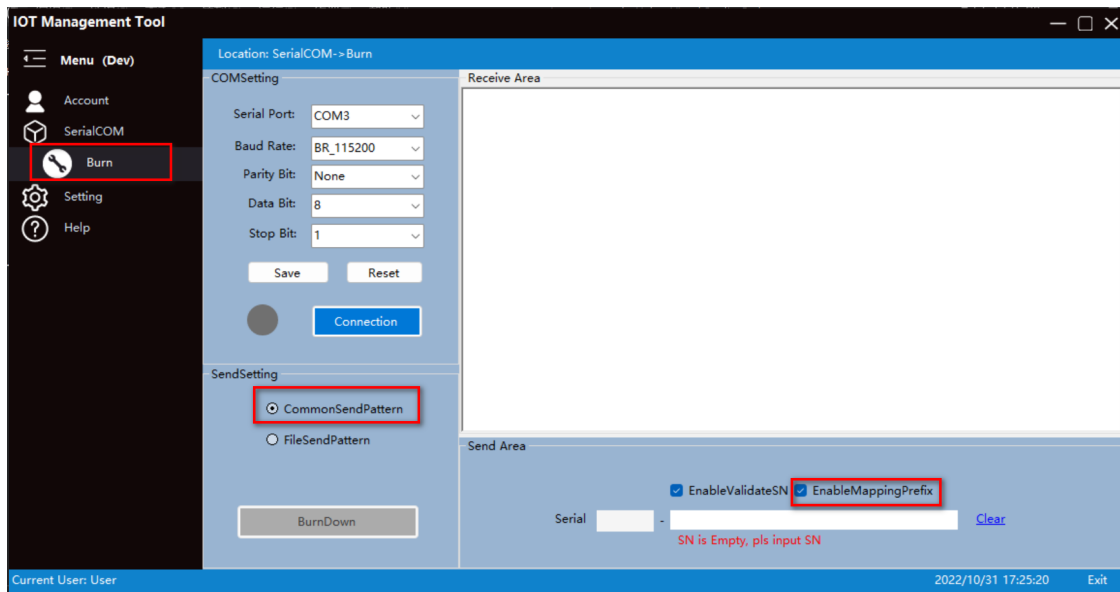
- Delete. In the table, click Delete.



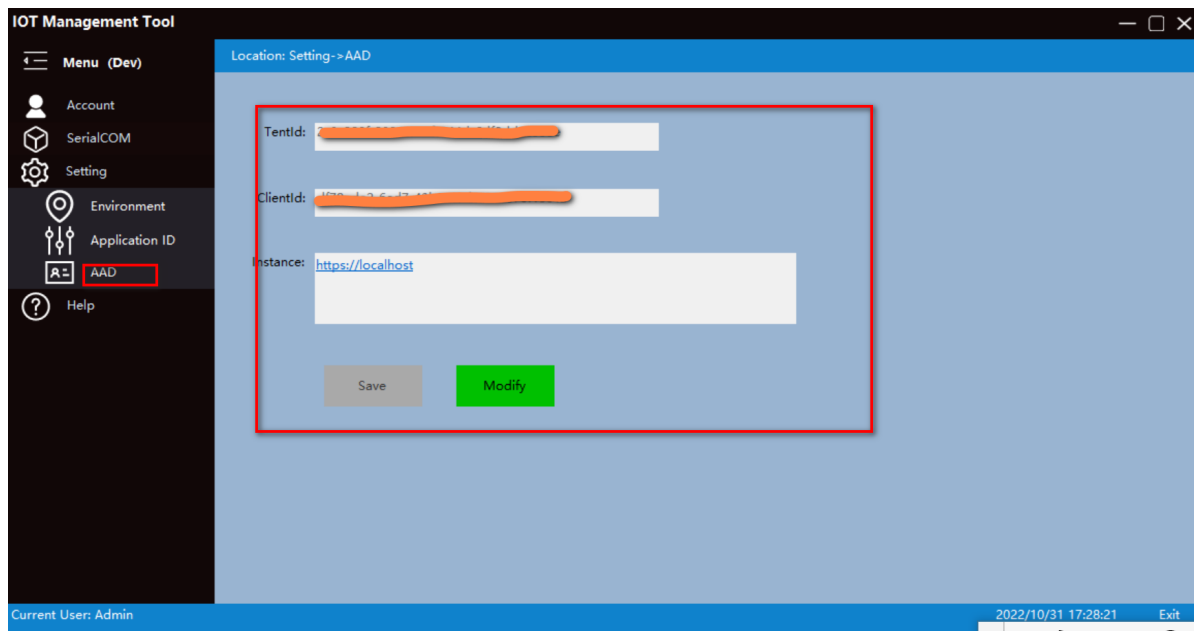
- Modify. Double click the mouse at the head of the form, and the corresponding value will be displayed in the left input box. Then modify the corresponding value and click Save.



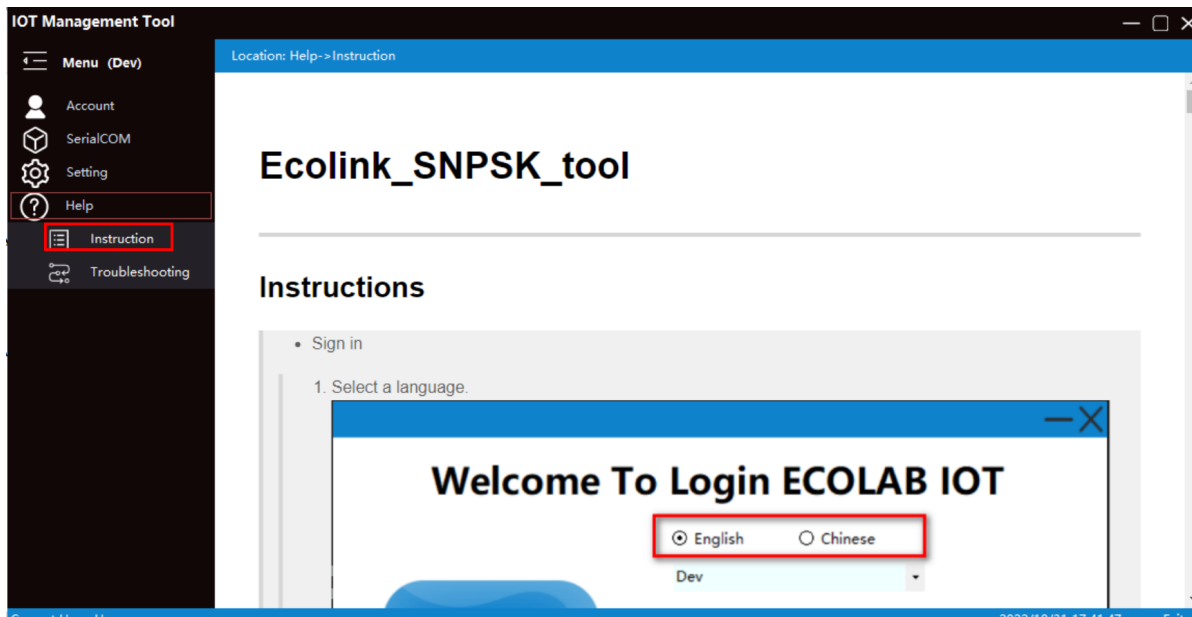
- Enabled. In the burning interface, select Send in Normal Mode and Enable Mapping Prefix.



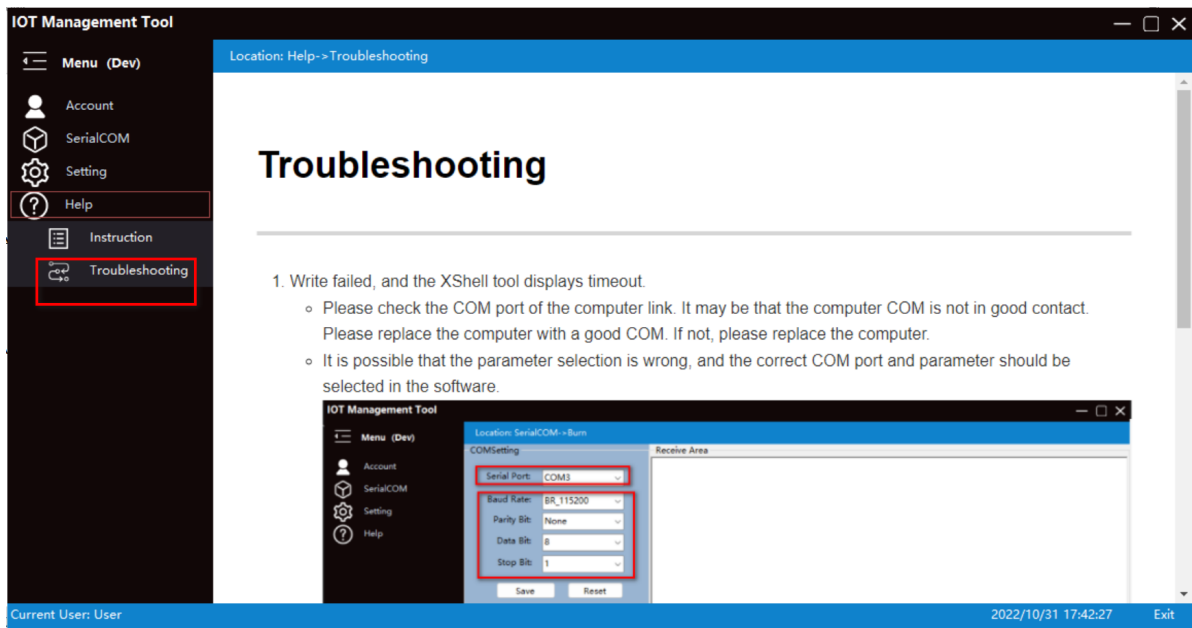
- AAD, If you use "ECOLink One Click Login", you need to configure the AAD link (the AAD link has an expiration time, which can only be viewed by ordinary users and modified by super administrators).



- Help
- Instruction



- Troubleshooting



## High order operation

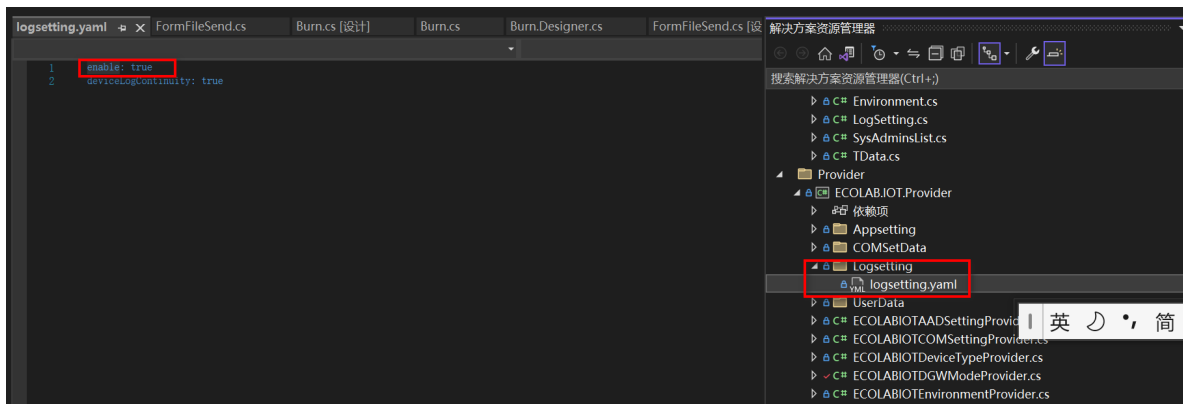
### Logging enabled

1. o enable the log file function, modify the enable in the configuration file logsetting, and a log will be output to the track.txt file.

enable: true enable

enable: false disable

#### 1.1 Configuration file 'logsetting'

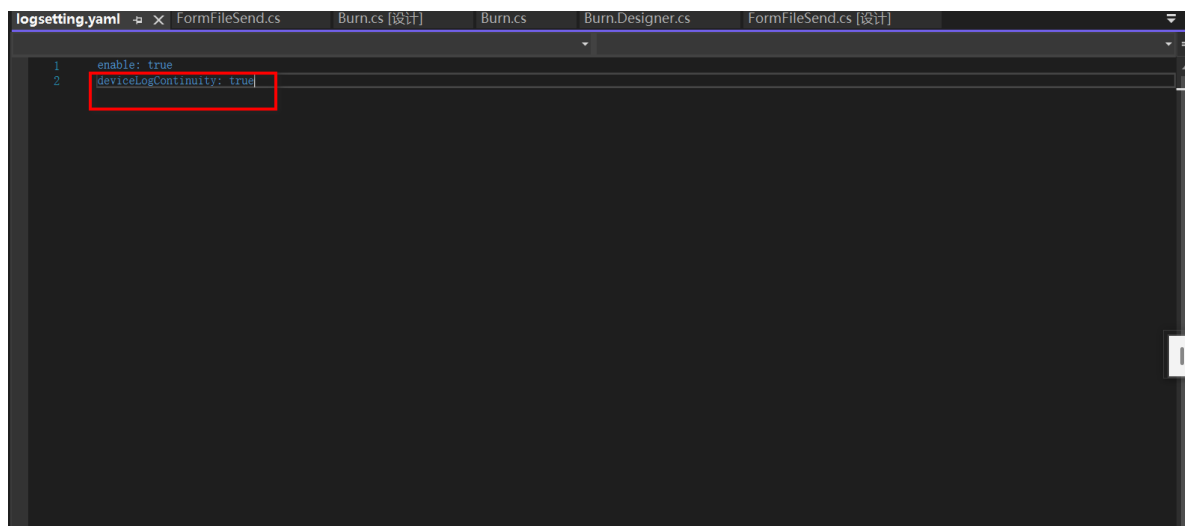


## 1.2 logsetting and track.txt path

名称	修改日期	类型	人
Appsetting	2022/11/23 0:56	文件夹	
COMSetData	2022/11/23 0:56	文件夹	
DGWMoDeConfig	2022/11/23 10:35	文件夹	
en-us	2022/11/23 0:56	文件夹	
Help	2022/11/23 0:56	文件夹	
Log	2022/11/23 9:48	文件夹	
Logsetting	2022/11/23 0:56	文件夹	
runtimes	2022/11/23 0:56	文件夹	
UserData	2022/11/23 0:56	文件夹	
zh-cn	2022/11/23 0:56	文件夹	
Azure.Core.dll	2022/7/1 3:28	应用程序扩展	
Azure.Identity.dll	2022/9/20 4:31	应用程序扩展	

- Receiving area under SerialCOM=>Burn menu, modify the deviceLogContinuity in the configuration file logsetting to modify the output mode.  
deviceLogContinuity: true The log will be continuously output to the receiving area.  
deviceLogContinuity: false The current operation outputs the log to the receiving area.

### 2.1 config file 'logsetting'



## 2.2 Receiving area under SerialCOM=>Burn menu

