

云途用户系统使用指南

概述Overview

云途用户系统 (Ytmicro User System) 作为用户获取云途MCU各种文档资料，工具软件下载，软件开发包，特殊权限资料的统一窗口。

使用步骤：

1. 注册账号
2. 申请文档、软件开发包、特殊权限资料权限
3. 查看、下载、使用用户资料

Ytmicro User System is a unified window for users to obtain various document materials, tool software downloads, software development kits, and special permission materials of Ytmicro MCU.

Usage steps:

1. Register an account
2. Apply for permission of documents, software development kits, and special permission materials
3. View, download, and use user materials

1. 用户注册或登录

1. User registration or login

云途用户系统入口网址：<https://account.ytmicro.com>

The entrance URL of the Yuntu user system: <https://account.ytmicro.com>



YUNTU

Login

1.1 未注册用户注册

1.1 Registration for Unregistered Users

需要先注册云途用户系统账号

It is necessary to register an account on the YunTu user system first.



密码 验证码

用户名、Email或手机号

请输入您的用户名、Email或手机号!

密码

请输入您的密码!

下次自动登录 [忘记密码?](#)

登录

没有账号? [立即注册!](#)

Powered by Casdoor

输入注册信息，**用户名一定不要包含中文，邮箱地址一定要采用公司邮箱地址**

Enter the registration information. **The user name must not contain Chinese characters, and the email address must be a company email address**



1. 输入想要注册得用户名，登录时用的账号名称

2. 输入想要显示的账号名称，中英文均可

3. 设置登录密码

4. 确认登录密码

5. 输入公司名称，填写公司全称

6. 输入注册用电子邮箱

7. 点击发送验证码，验证码会发送到上面注册输入的电子邮箱中

8. 打开邮箱，找到验证码，填入

9. 同意用户协议

10. 点击注册

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1.2 已注册用户登录

1.2 Registered User Login

已注册用户为已注册Yt Config Tool(以下简称YCT)配置工具的用户，可直接输入用户名及密码登录

Registered users are those who have registered the Yt Config Tool (hereinafter referred to as YCT) configuration tool, and can directly enter their username and password to log in.

2. 权限申请及查看

Permission application and viewing

使用YCT工具开发基于SDK或MCAL的软件，查看、下载、使用MCU相关用户资料需要进行权限的申请

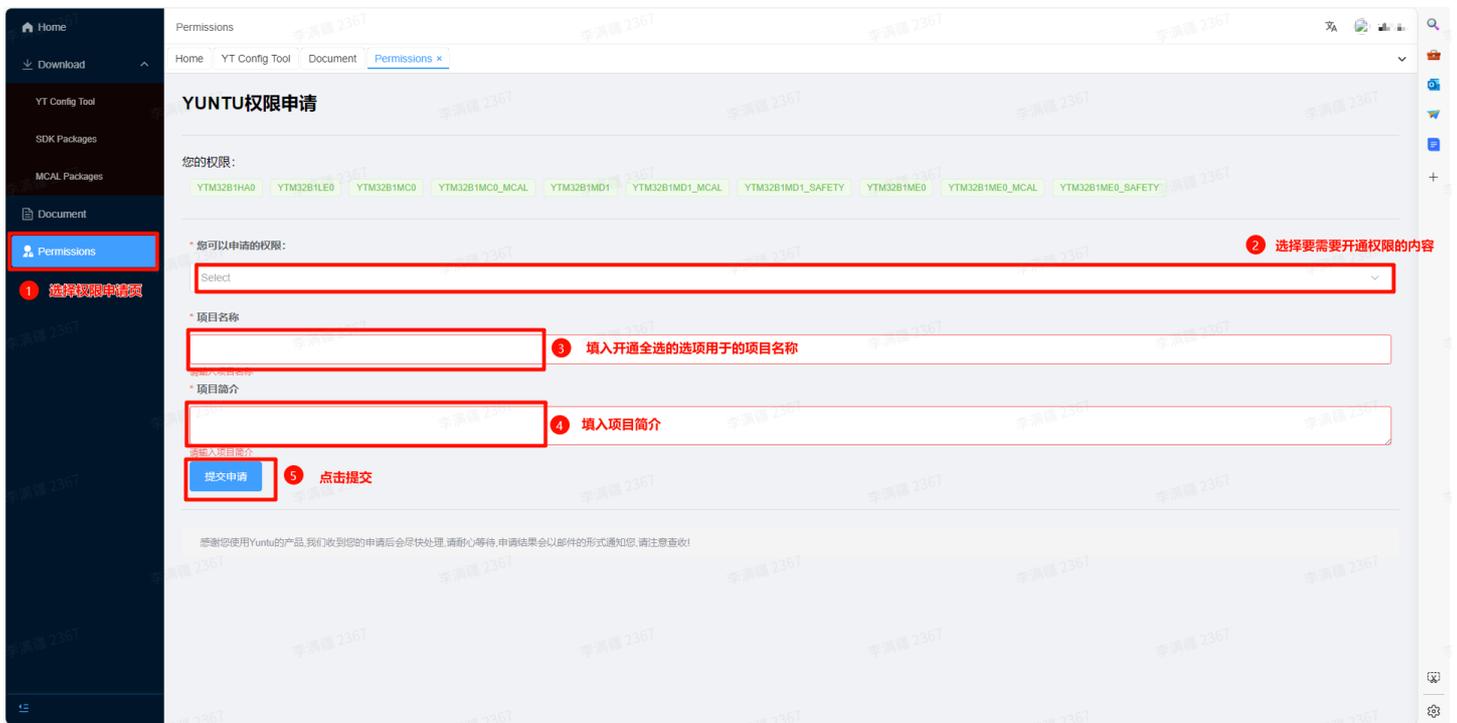
Use the YCT tool to develop software based on **SDK** or **MCAL**. To view, download, and use MCU related user data, necessary permission is required.

2.1 权限申请

Application for Permission

在网页端提交权限申请，等待后台开通，开通后通过邮箱发送提示。

Submit the permission application on the web page, wait for the background to be opened, and a prompt will be sent via email after it is opened.



2.2 权限查看

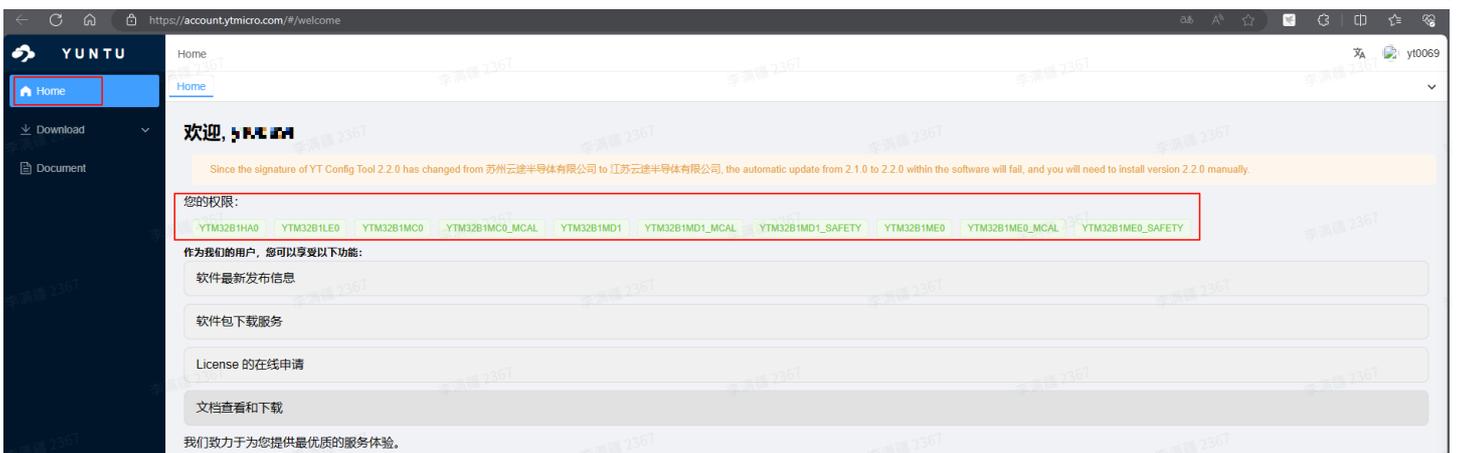
Permission query

2.2.1 网页端查看权限

Permission query on web

登录云途用户系统后可直接查看已开通的权限

After logging in to the Yuntu user system, you can directly view the permissions that have been authorized.

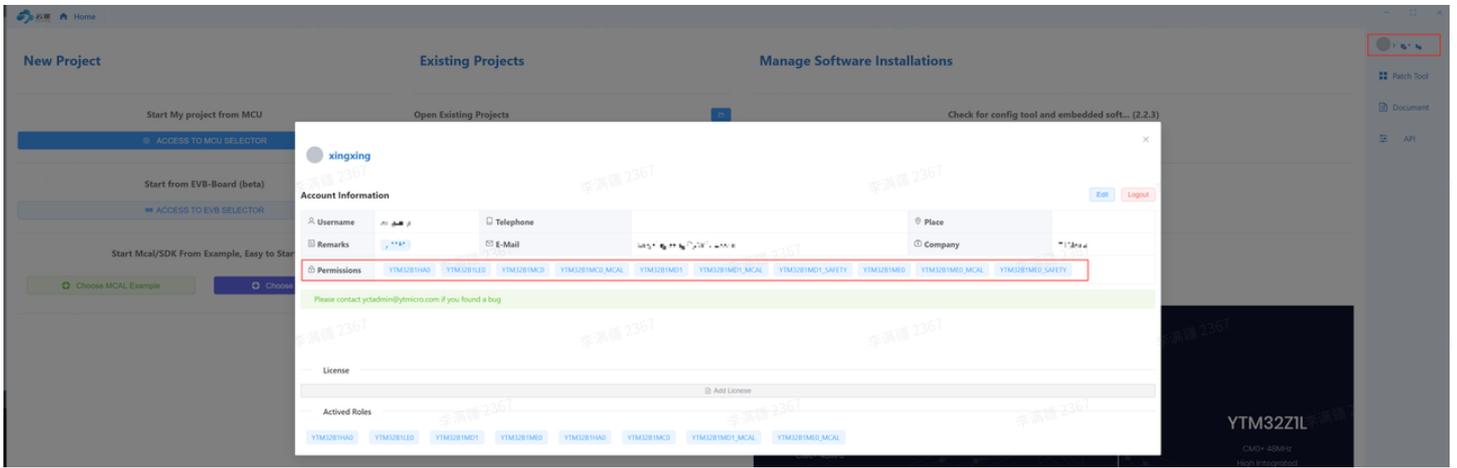


2.2.2 YCT登录界面查看权限

Viewing permissions on the YCT GUI

安装YCT软件并登录后可查看已开通的权限

After installing the YCT software and logging in, you can view the permissions that have been authorized.



3. 云途用户系统使用说明

Instructions for Using Yuntu User System

3.1 YCT软件

YCT Software

YCT软件主要实现云途各系列MCU软件的快速开发，例程下载，开发文档查看下载。

MCU软件开发包含基于SDK的工程配置和基于AUTAOSAR MCAL的工程配置两种开发方式，两种方式均支持直接生成IAR、KEIL、VSCODE+GCC等IDE环境的工程。

例程下载包含已开通权限的MCU的各外设模块应用例程的下载查看调试。

开发文档查看下载包含各个MCU的RM，DS等开发文档的直接查看和下载。

The YCT software mainly realizes the rapid development of various series of MCU software of Yuntu, as well as the download of examples and the viewing and downloading of development documents.

The development of MCU software includes two development methods based on SDK engineering configuration and AUTAOSAR MCAL engineering configuration. Both methods support the direct generation of projects in IDE environments such as IAR, KEIL, VSCODE + GCC.

The download of examples includes the download, viewing, and debugging of the application examples of each peripheral module of the MCU with the opened permission.

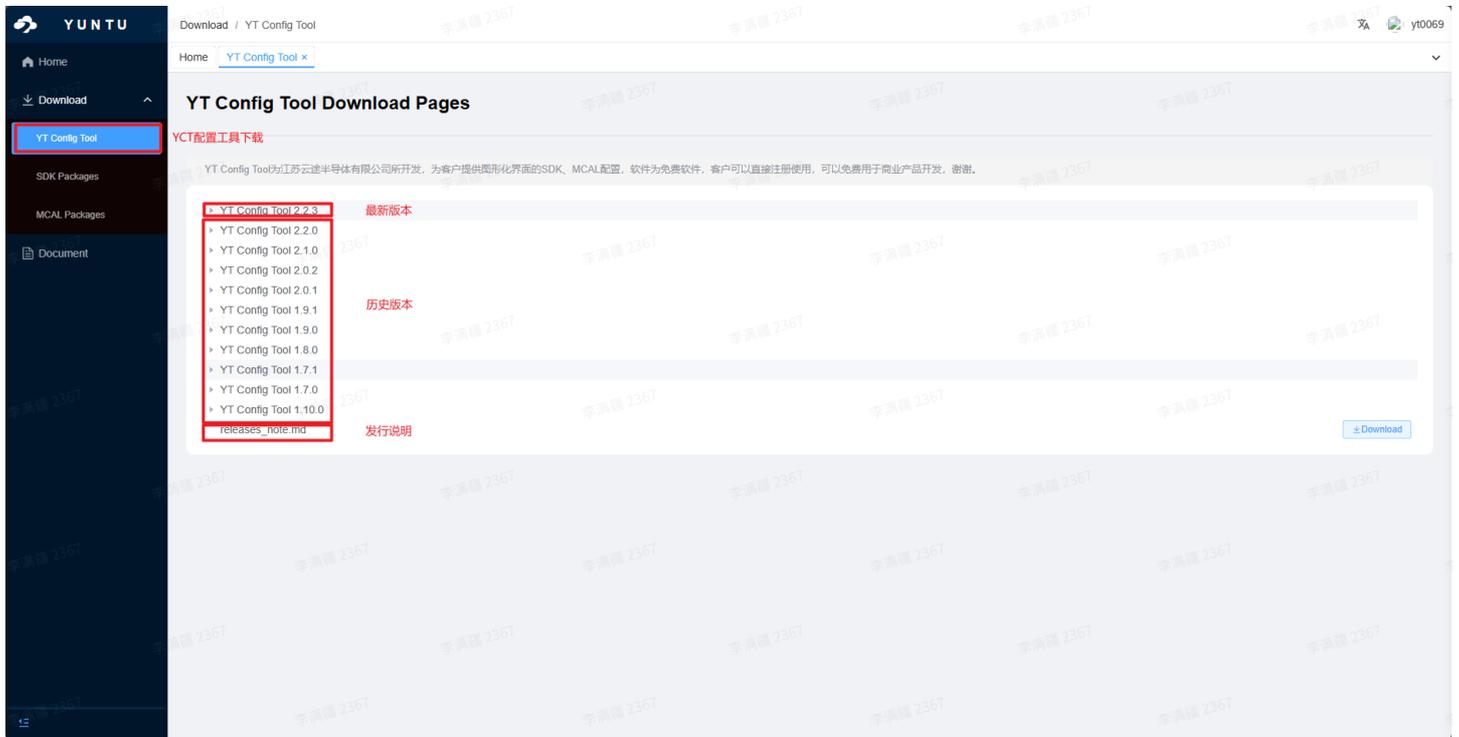
The viewing and downloading of development documents includes direct viewing and downloading of development documents such as RM and DS of each MCU.

3.1.1 YCT软件下载及安装

YCT Software Download and Installation

1. 通过云途用户系统网页端下载并安装YCT软件

Download and install the YCT software through the web page of the YunTu user system.



3.1.2 YCT软件使用

YCT Software Usage

YCT软件在线（电脑联网状态）可在线使用，也可离线（未连接互联网）使用。

YCT software can be used online (with the computer connected to the Internet) or offline (without connecting to the Internet).

3.1.2.1 YCT软件在线使用

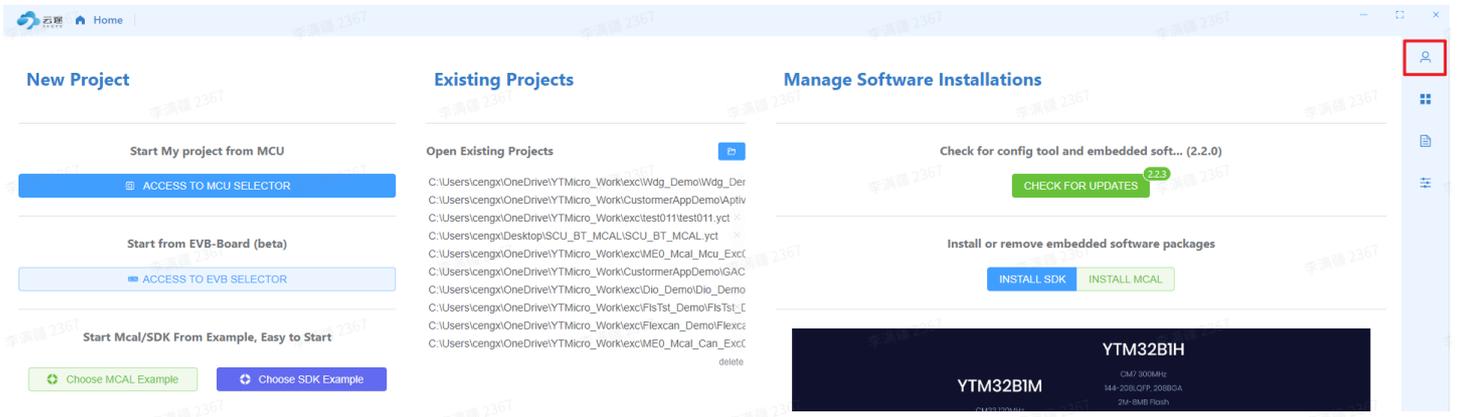
Online Use of YCT Software

1. YCT配置工具登录

YCT configuration tool login

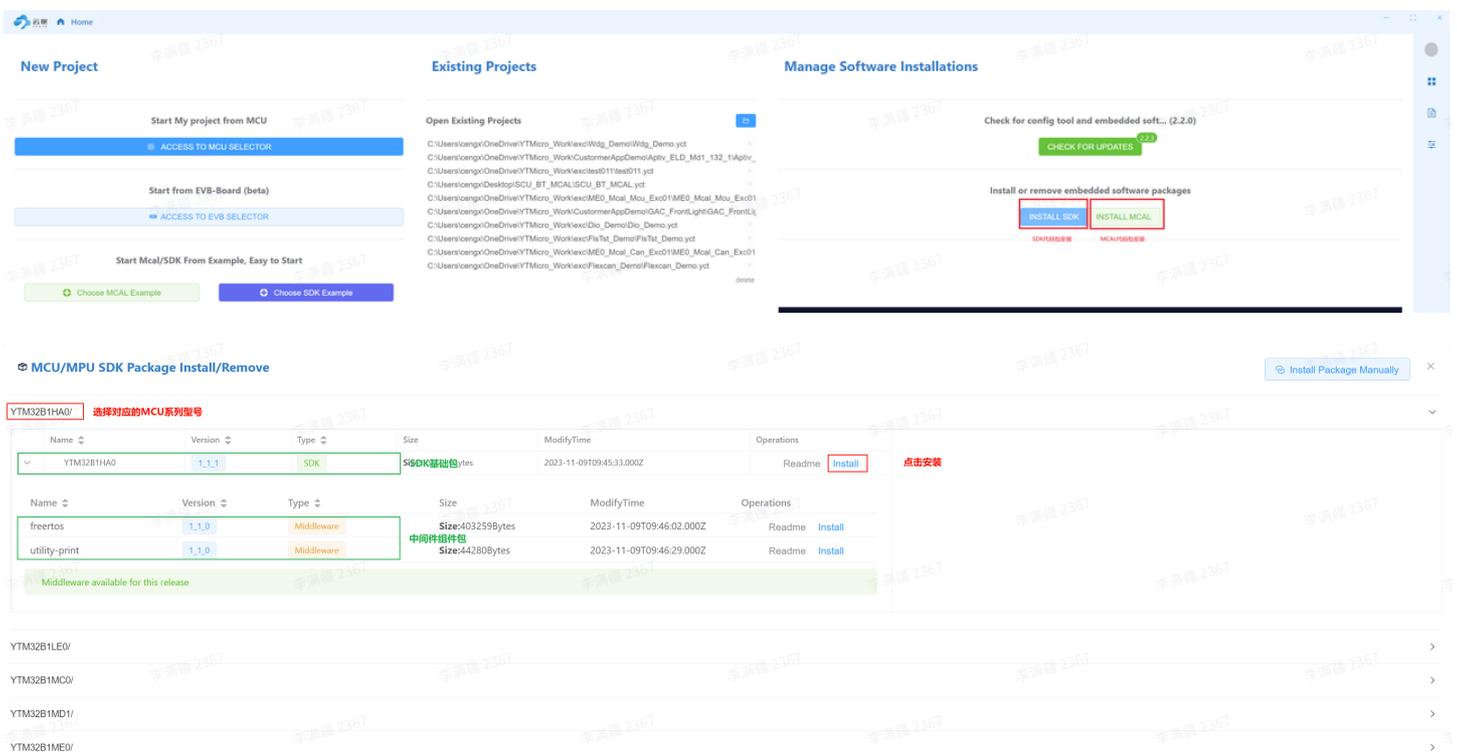
点击右上角登录图标，输入已注册的YCT账号及密码，点击登录

Click the login icon in the upper right corner, enter the registered YCT account and password, and click login.



1. SDK或MCAL代码包在线安装

Online installation of SDK or MCAL code package



3.1.2.2 YCT配置工具离线使用

Offline Use of YCT Configuration Tool

1. 离线license申请

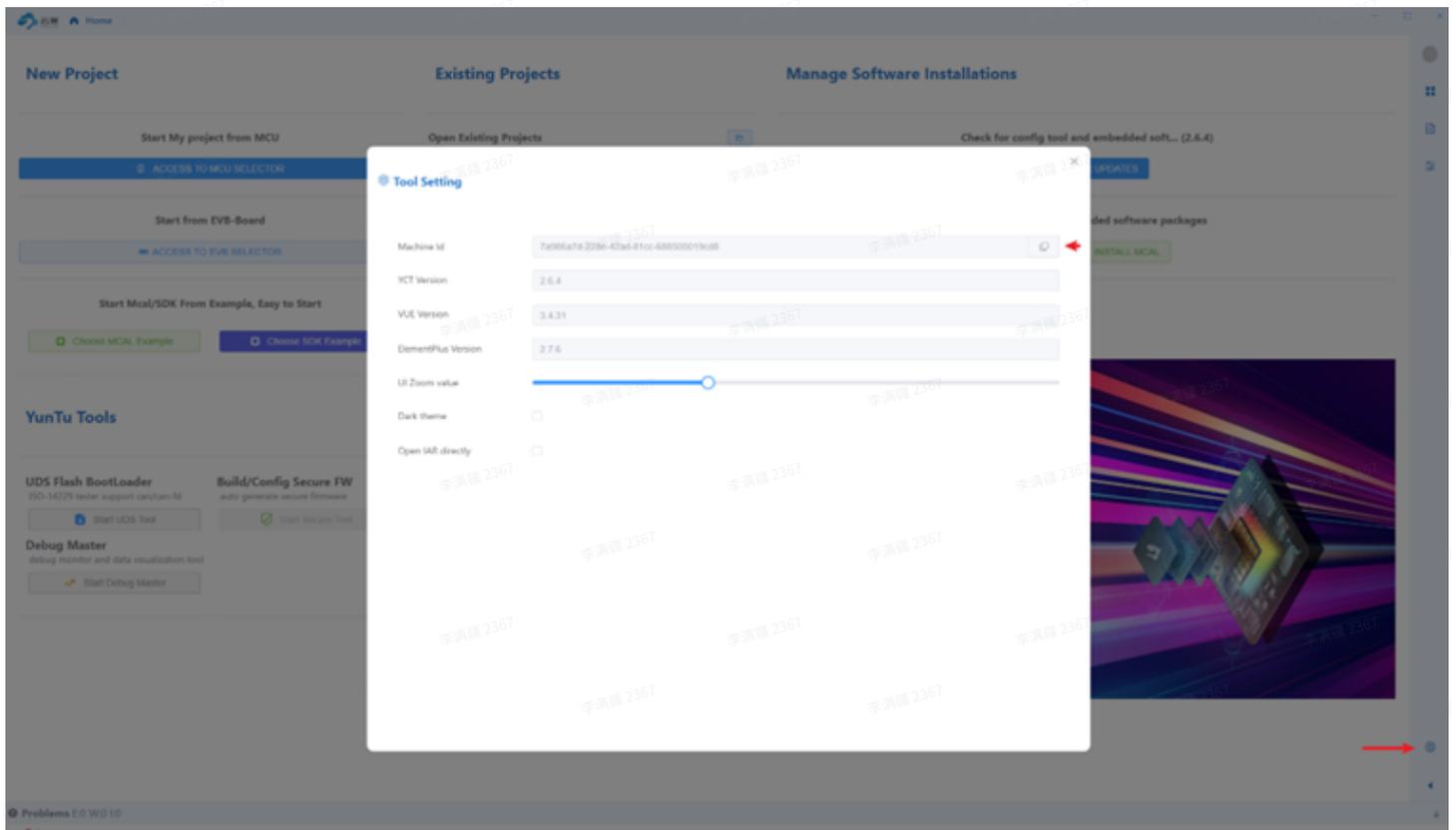
Offline license application

YCT 2.6.4版本以后的YCT支持使用自动生成的License文件

YCT after version 2.6.4 supports the use of automatically generated License files.

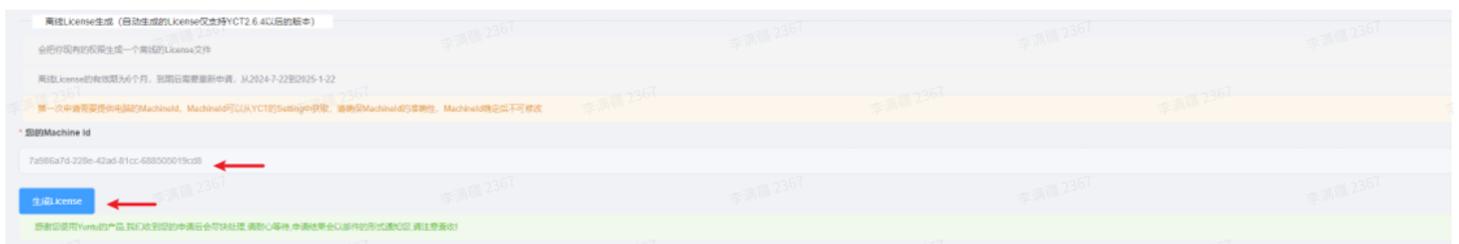
- 复制目标电脑的Machine ID

Copy the Machine ID of the target computer.



- 在用户系统网页端输入Machine ID，然后点击生成，保存license.json文件

Input the Machine ID on the web page of the user system, and then click Generate to save the license.json file.

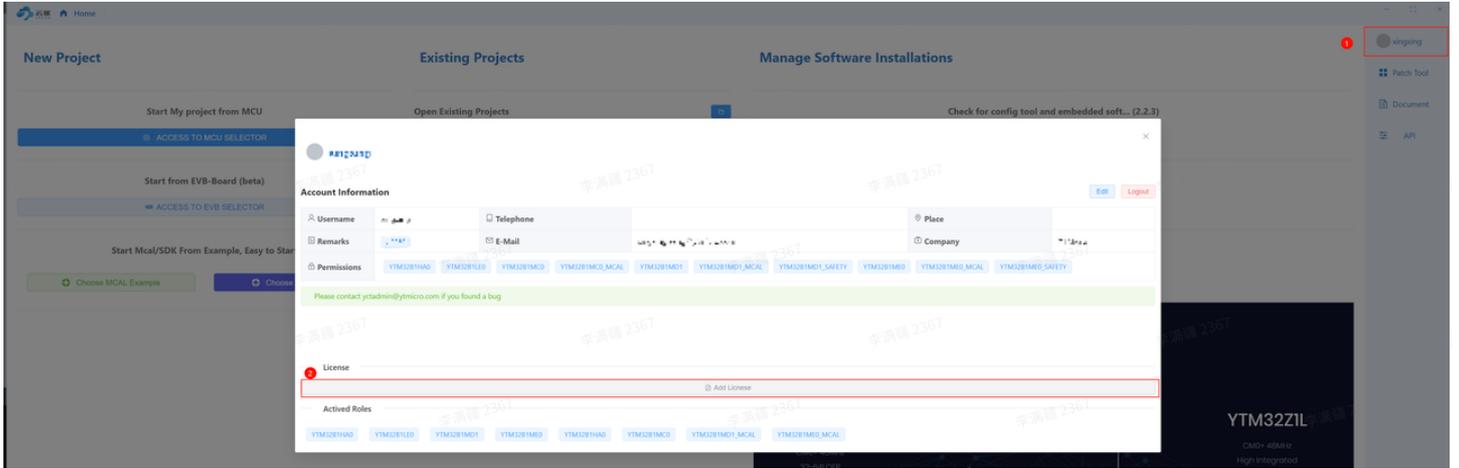


Machine ID一旦输入后，会和账号进行绑定，下次到期后，直接重新点击生成即可

Once the **Machine ID** is input, it will be bound to the account. When it expires next time, just click "Generate" again directly.

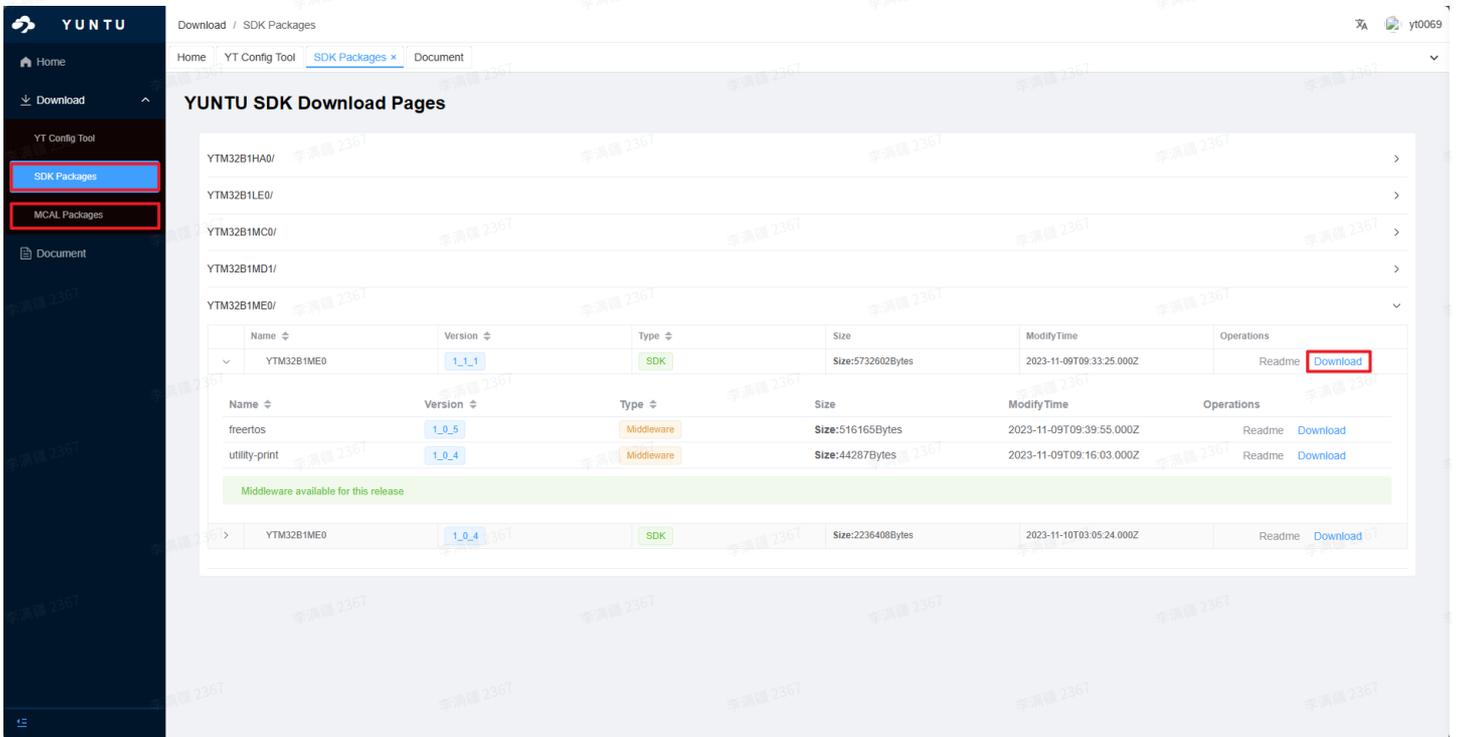
2. 添加离线license

Add offline license



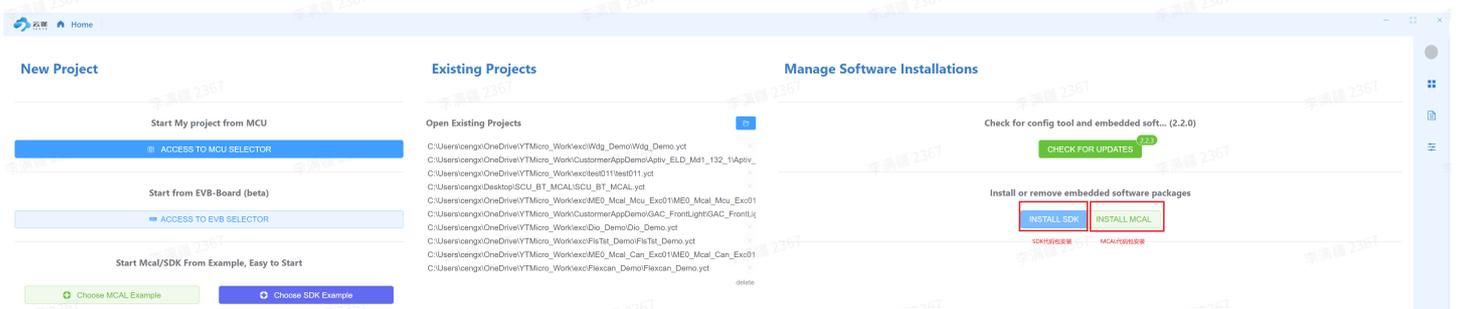
3. 下载对应MCU的SDK或MCAL离线包

Download the SDK or MCAL offline package of the corresponding MCU



4. 安装对应MCU的SDK或MCAL离线包

Install the SDK or MCAL offline package corresponding to the MCU



MCU/MPU SDK Package Install/Remove Install Package Manually

Name	Version	Type	Size	ModifyTime	Operations
YTM32B1HA0/					
YTM32B1LE0/					
YTM32B1MCO/					
YTM32B1MD1/					
YTM32B1ME0/					
YTM32B1ME0	1.1.1	SDK	Size:57326028Bytes	2023-11-09T09:33:25.000Z	Readme Remove
freertos	10.5	Middleware	Size:516165Bytes	2023-11-09T09:39:55.000Z	Readme Remove
utility-print	1.0.4	Middleware	Size:44287Bytes	2023-11-09T09:16:03.000Z	Readme Remove
Middleware available for this release					
YTM32B1ME0	1.0.4	SDK	Size:22364088Bytes	2023-11-10T03:05:24.000Z	Readme Remove

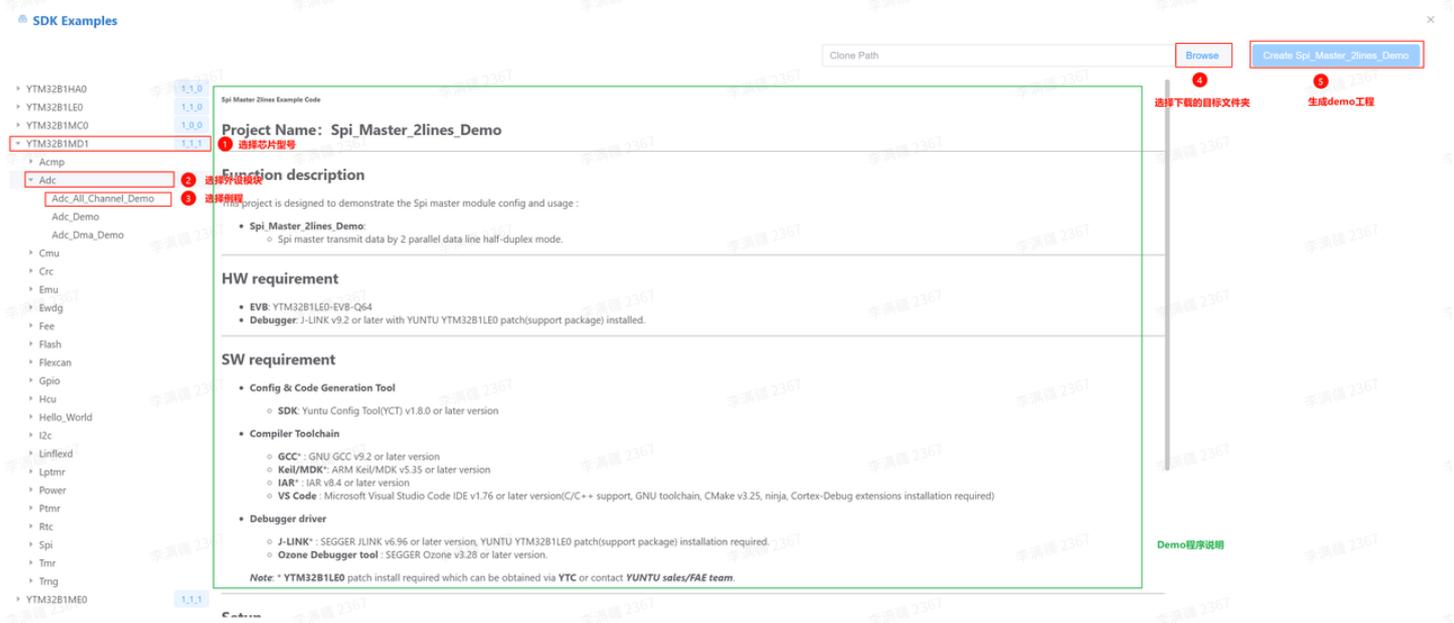
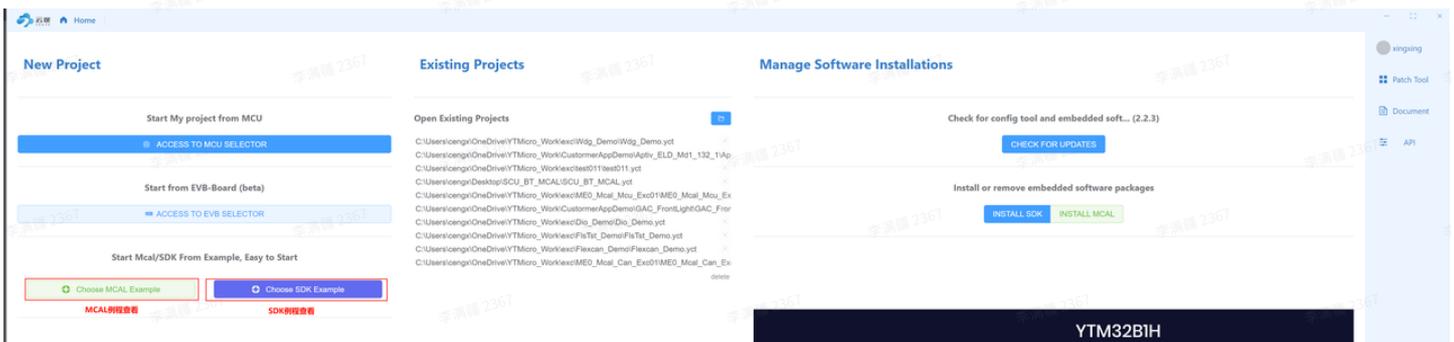
3.1.2.3 例程查看 Examples

仅当有相应MCU的开发权限时才能查看相应MCU的例程

MCU examples are only available when users have corresponding permission.

例程主要包含各个外设模块的使用例程，均基于云途官方Demo板开发调试，以供客户参考。

The routines mainly contain the usage routines of various peripheral modules, all of which are developed and debugged based on the official EVB of Yuntu for customers' reference.



3.2 用户资料使用 Documents

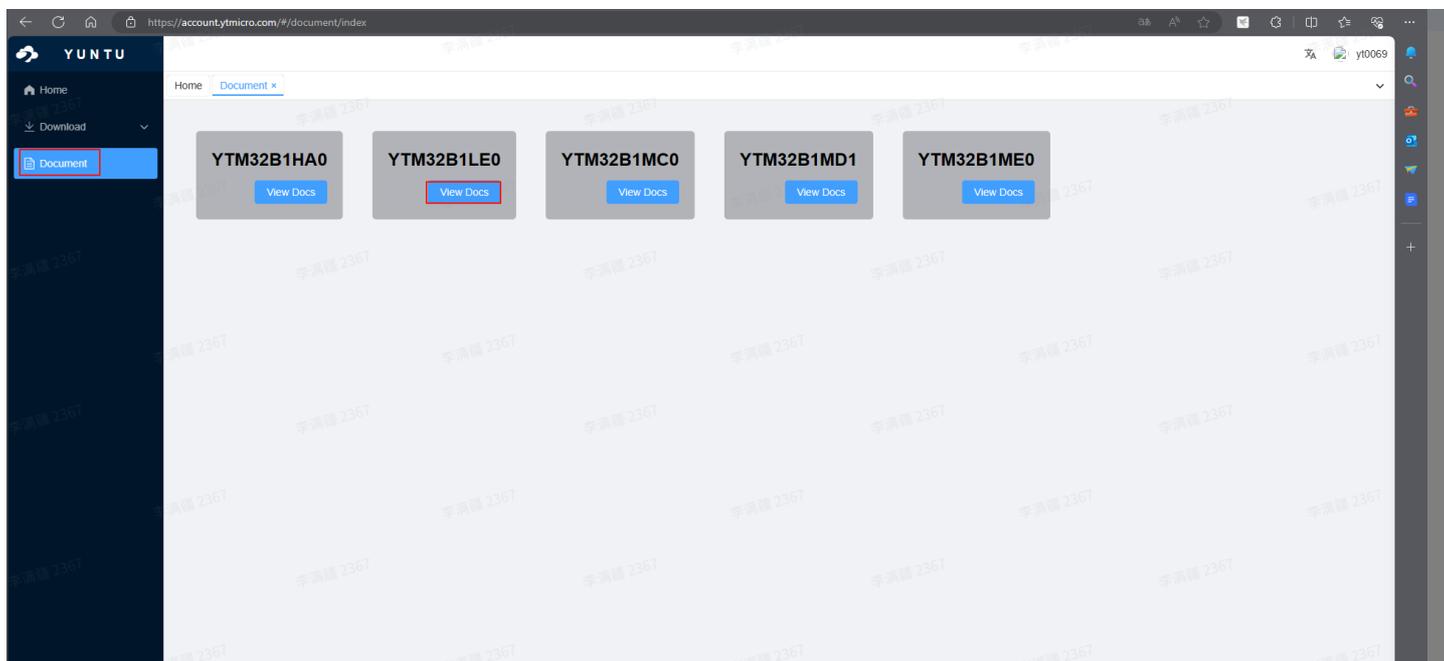
用户资料可通过网页端和YCT软件中查看。**对应型号的RM, DS等资料需要开通权限后才能查看, 应用笔记及开发指导文档无需开通权限及可查看使用。**

MCU documents can be viewed through the web page and YCT software. Documents such as RM and DS of the corresponding model need to be authorized before viewing, while application notes and development guide documents can be viewed and used without authorization.

3.2.1 网页端资料查看及下载 Documents on Web

登录云途用户系统后在对应型号MCU目录下查看下载文档

After logging into the Yuntu user system, view and download the documents in the corresponding model MCU directory.



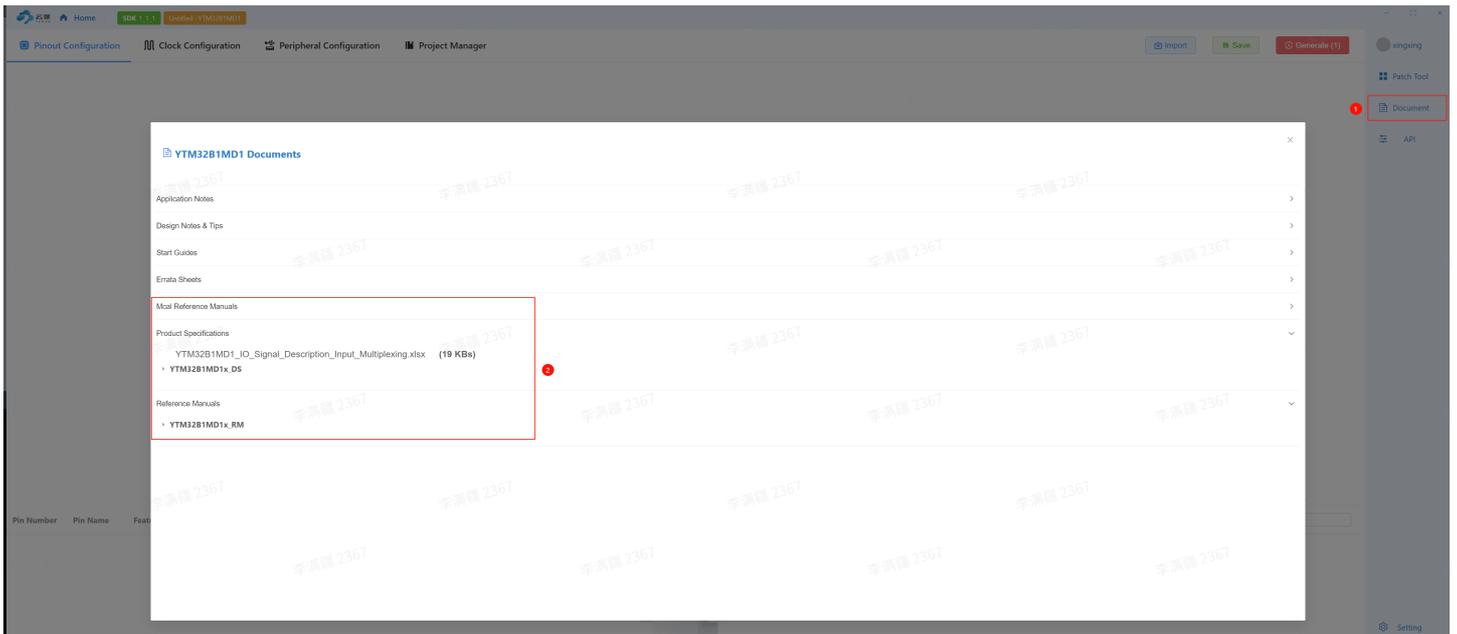
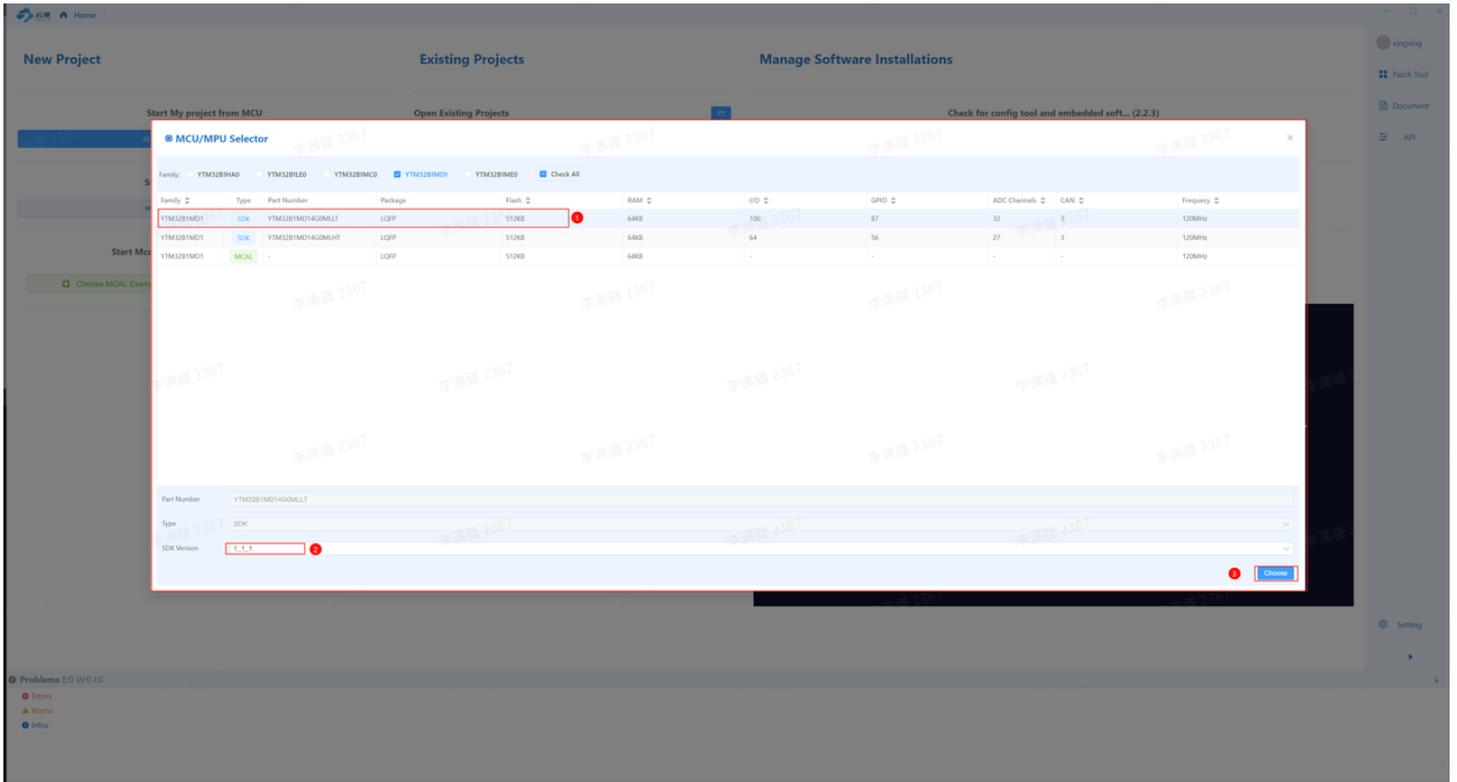
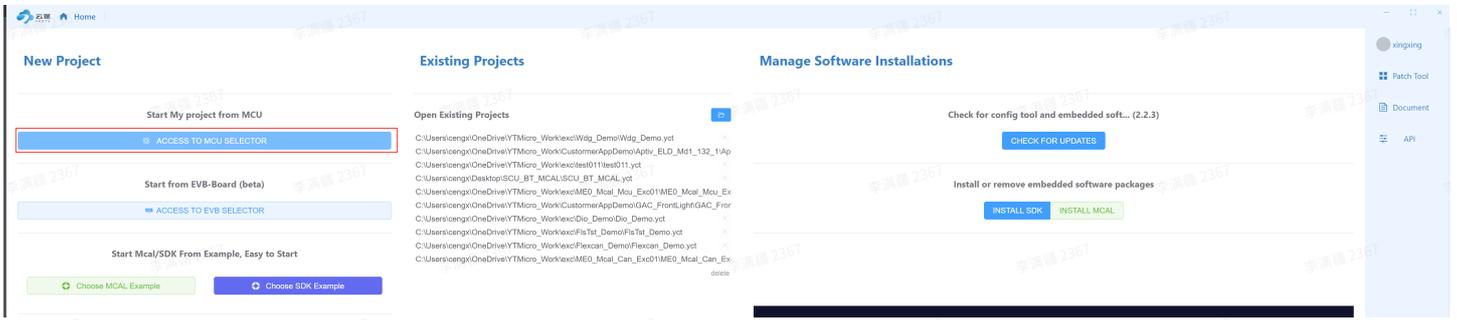
3.2.2 YCT软件中资料查看及下载 Documets in YCT

1. 需要权限的资料查看

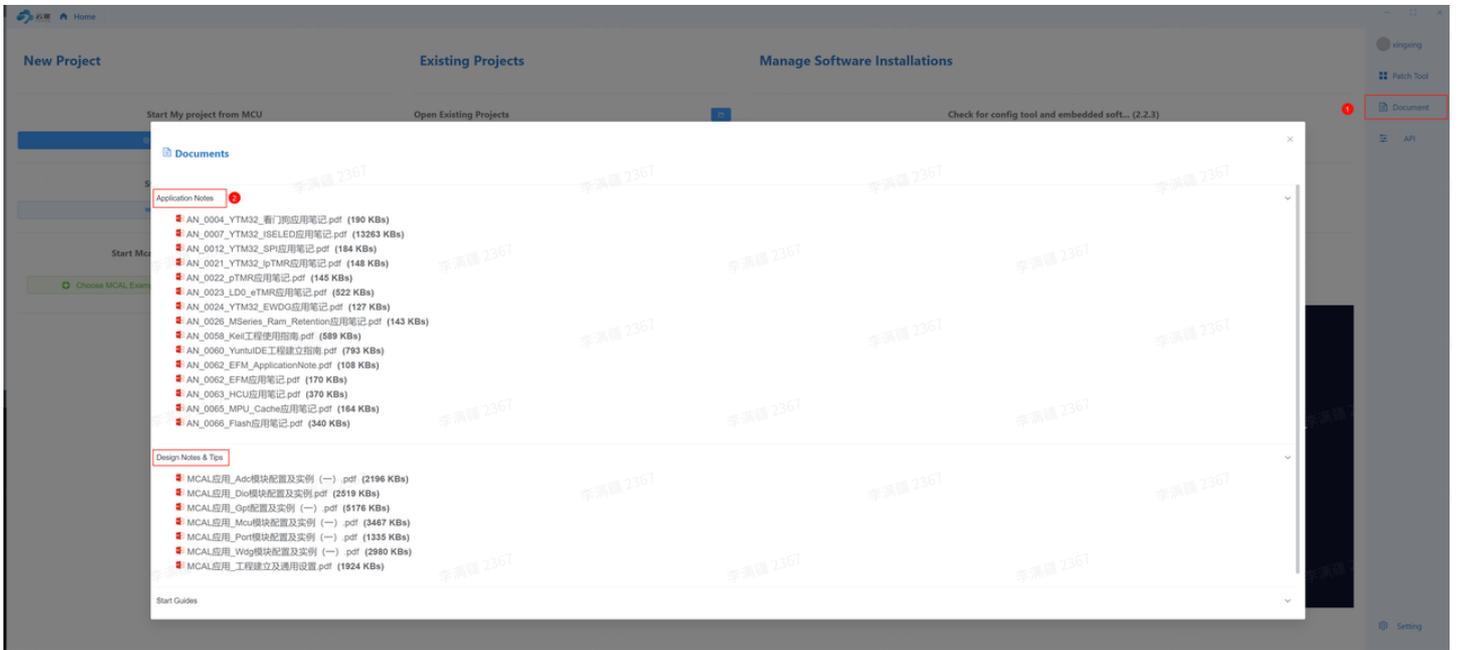
Documents with permission

需要新建一个MCU的SDK工程或MCAL工程, 在工程中查看对应型号MCU的文档资料

It is necessary to create a new SDK project or MCAL project of the MCU, and view the documentation of the corresponding model of the MCU in the project.



2. 无需权限的资料查看 Documents without permission



文档历史

版本号	日期	修订记录
V1.0	2023.01.04	初始版本
V1.1	2023.7.24	增加离线license申请方式说明
V1.2	2024.09.17	Add English translation