

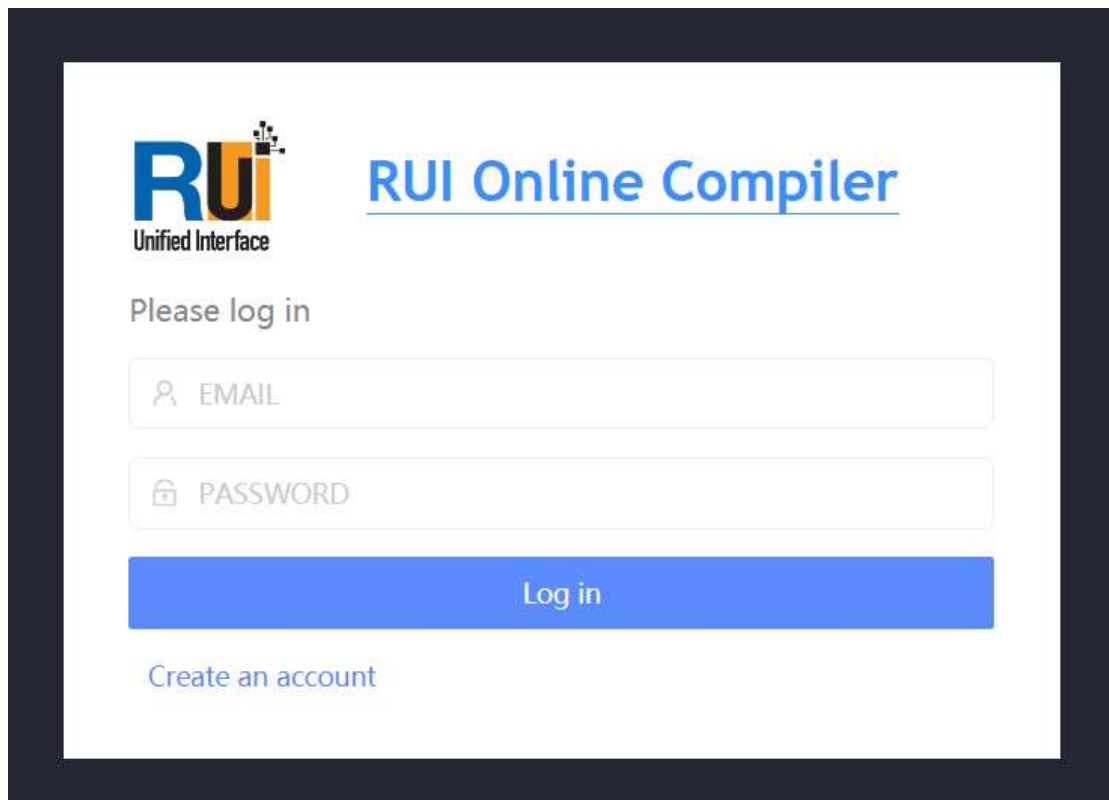
How to use RUI online compiler

Please use Chrome browser to do the following steps.



Step 1: Login

Open the link: <http://47.112.137.11:12090/#/user/login>



The screenshot shows the login interface of the RUI Online Compiler. At the top left is the RUI logo with the text 'Unified Interface' below it. To the right of the logo is the title 'RUI Online Compiler' in blue. Below the title, the text 'Please log in' is displayed. There are two input fields: the first is labeled 'EMAIL' with an envelope icon, and the second is labeled 'PASSWORD' with a lock icon. Below these fields is a blue 'Log in' button. At the bottom left, there is a link that says 'Create an account'.

If you haven't an account, just "Create an account" by yourself:



RUI Online Compiler

Please log in

Log in

Create an account



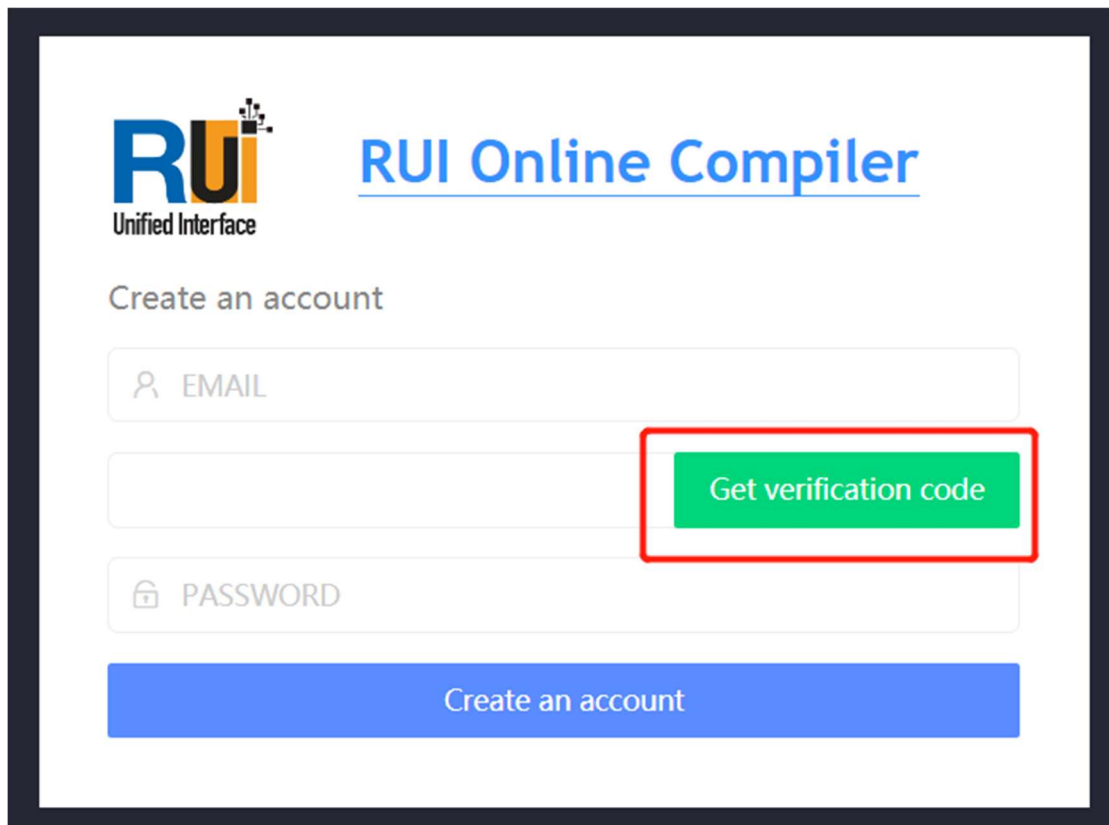
RUI Online Compiler

Create an account

Get verification code

Create an account

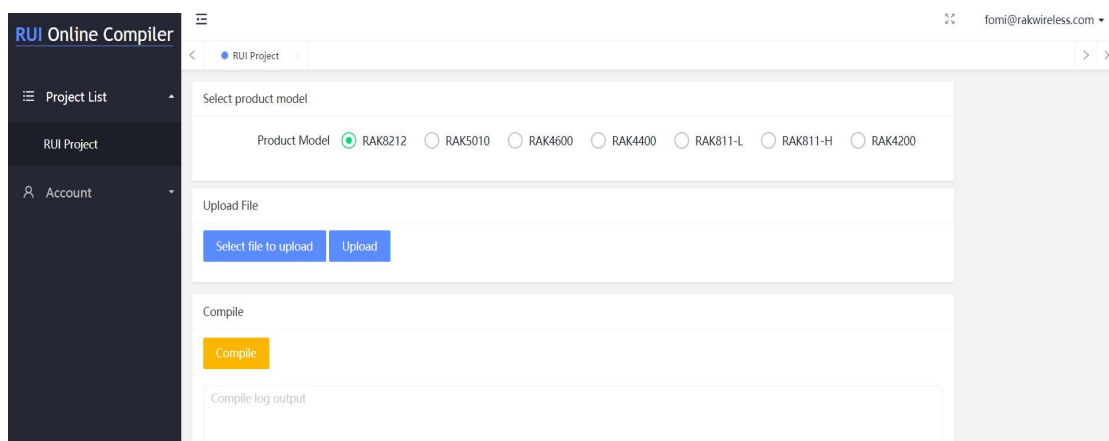
Just input your email and click "Get verification code":



You will receive an email including a verification code, just input it and set a password. OK, then you can login RAK online compiler web site now!

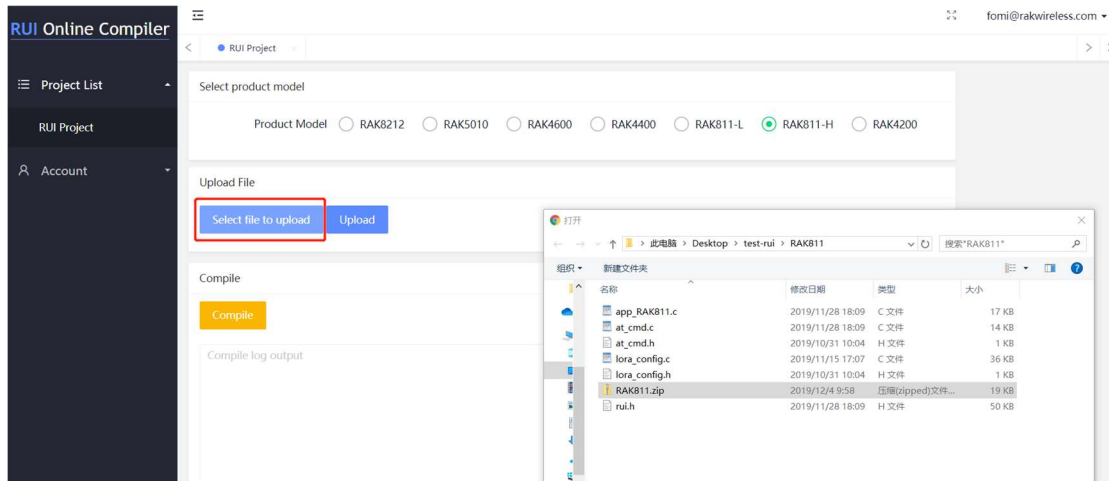
Step 2: Selecting and uploading

After login, you will see the following page:

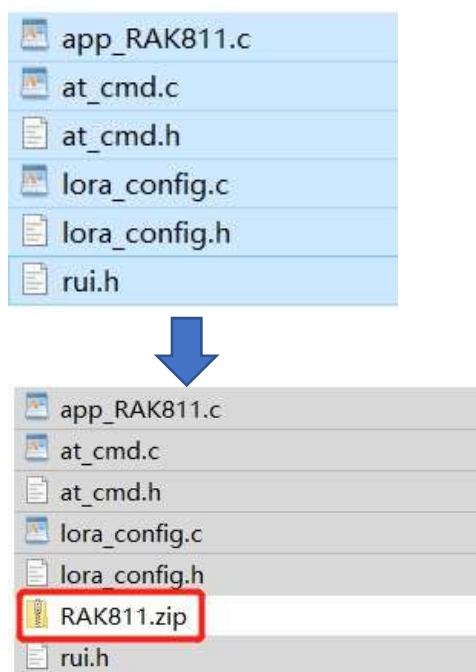


Firstly, select the core module which you want to do customization based on. By now, we only supply RAK8212, RAK5010, RAK4600, RAK4400, RAK811-L, RAK811-H, and RAK4200 modules.

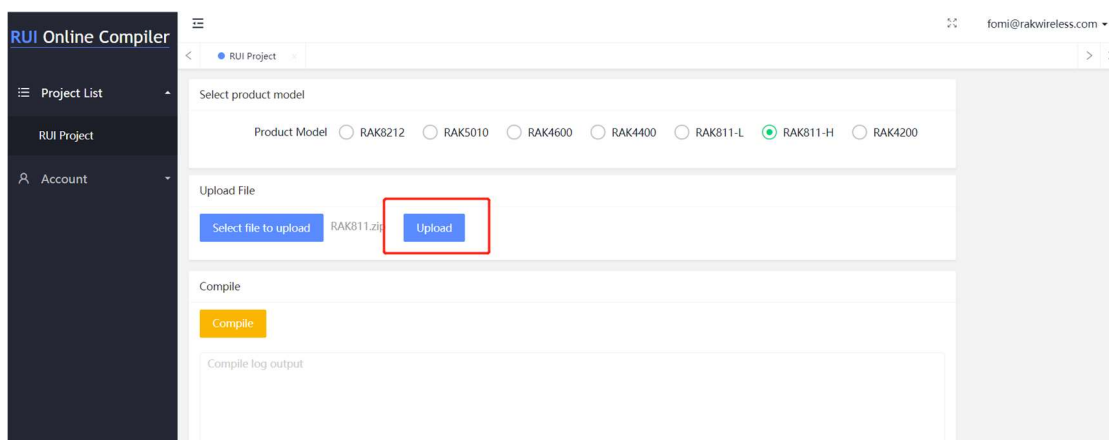
Secondly, click "Select file to upload" button to choose the .zip file which includes all source code of your own customized Application.

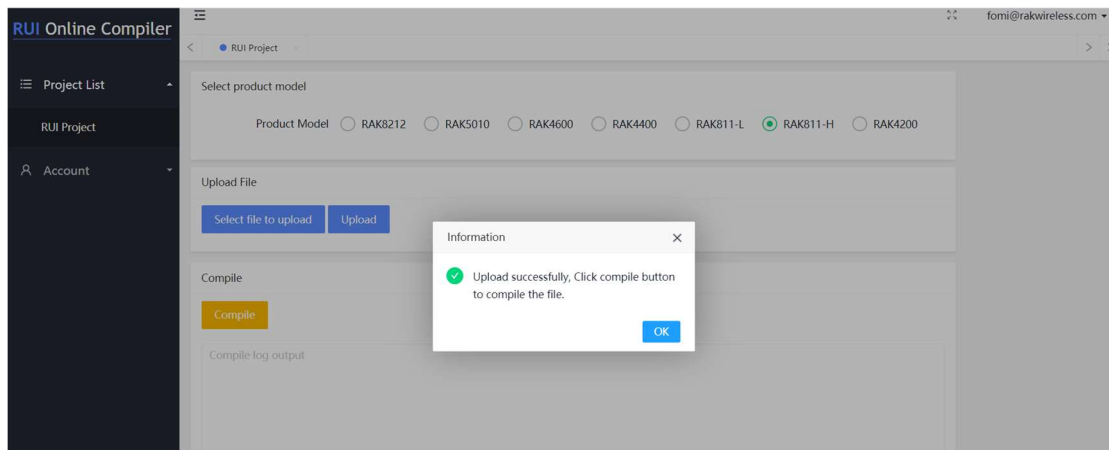


Please note that, this .zip file can be made as the following pictures show as an example:

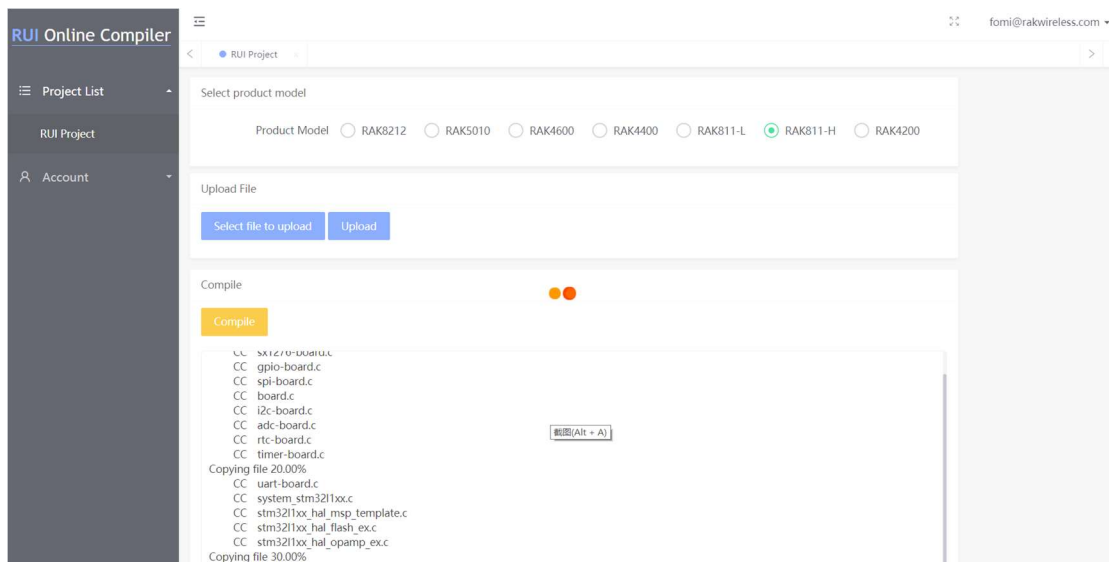
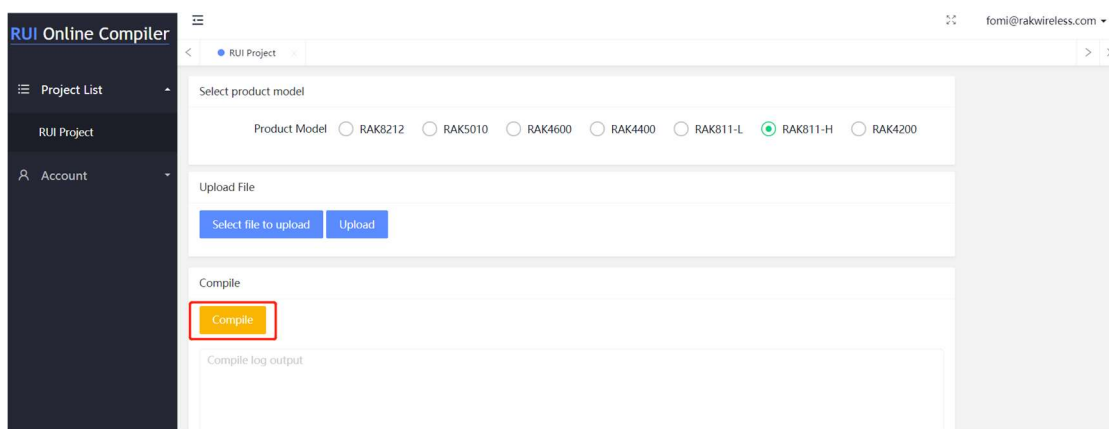


Then click "Upload" button to upload the .zip file to the compiler.

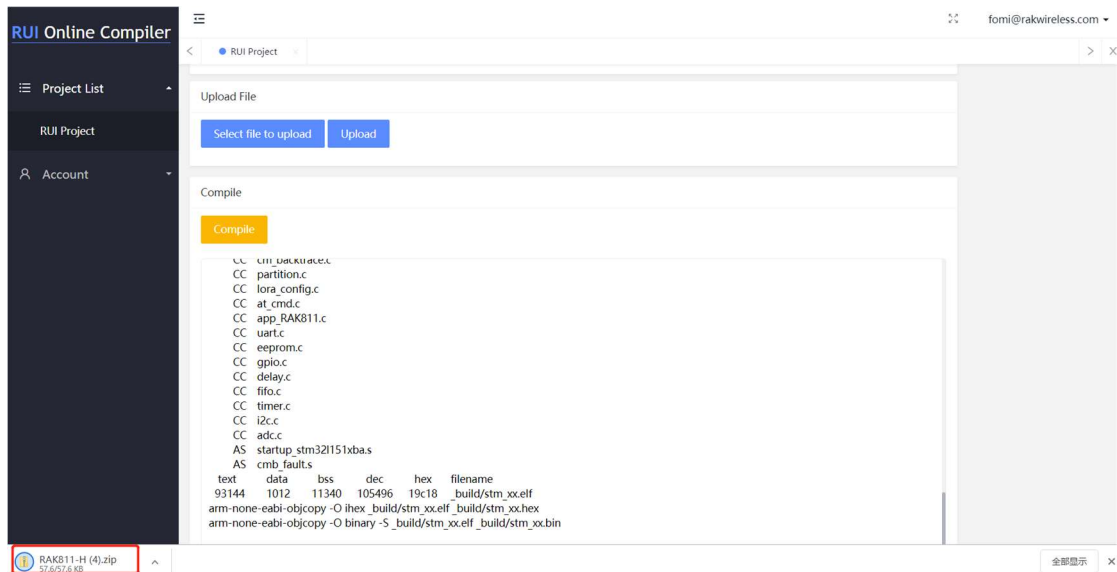




Now, you can start to compile by click “Compile” button:



After compiling successfully, you can get a .zip file which includes two files, one is compile log file, the other is the final customized firmware. But if there is an error when compiling, the .zip file will only include the compile log file.



RUI Online Compiler

Project List

RUI Project

Account

Upload File

Select file to upload Upload

Compile


Compile


```

CC main.o
CC partition.c
CC lora_config.c
CC at_cmd.c
CC app_RAK811.c
CC uart.c
CC eeprom.c
CC gpio.c
CC delay.c
CC fifo.c
CC timer.c
CC i2c.c
CC adc.c
AS startup_stm32151xb.o
AS cmb_fault.o
text data bss dec hex filename
93144 1012 11340 105496 19c18 _build/stm_xx.elf
arm-none-eabi-objcopy -O ihex _build/stm_xx.elf _build/stm_xx.hex
arm-none-eabi-objcopy -O binary -S _build/stm_xx.elf _build/stm_xx.bin
  
```

RAK811-H (4).zip 57.657.6 KB

全部显示

 **build.log**

 **RAK811-H_20191204091008.bin**

Just use the firmware file to upgrade your device according to the document.

<https://doc.rakwireless.com/>