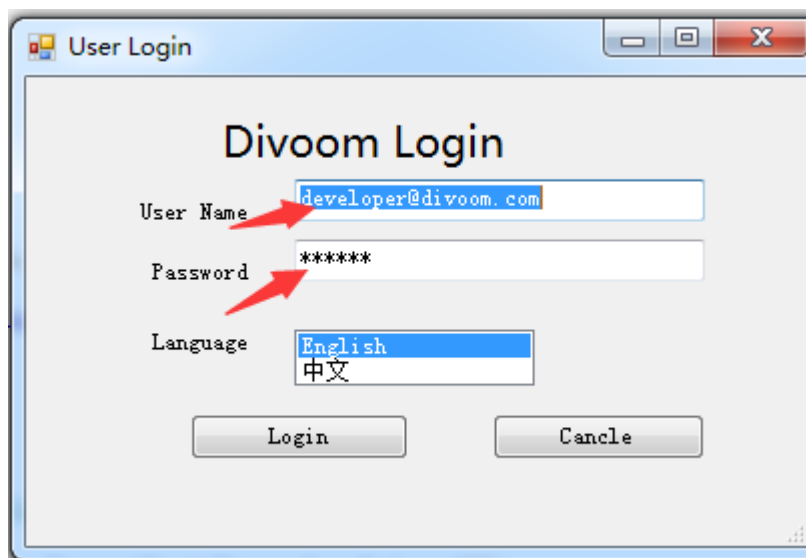


Divoom clock configure Introduce

To complete a dial, users must first create a dial, which must be configured with a clock name, device background image, APP display image, and display elements. If you want to share this dial with the community, please submit it for review at DivoomClockView's page. After being approved by the administrator, the dial will be shared with the DIVOOM dial community.

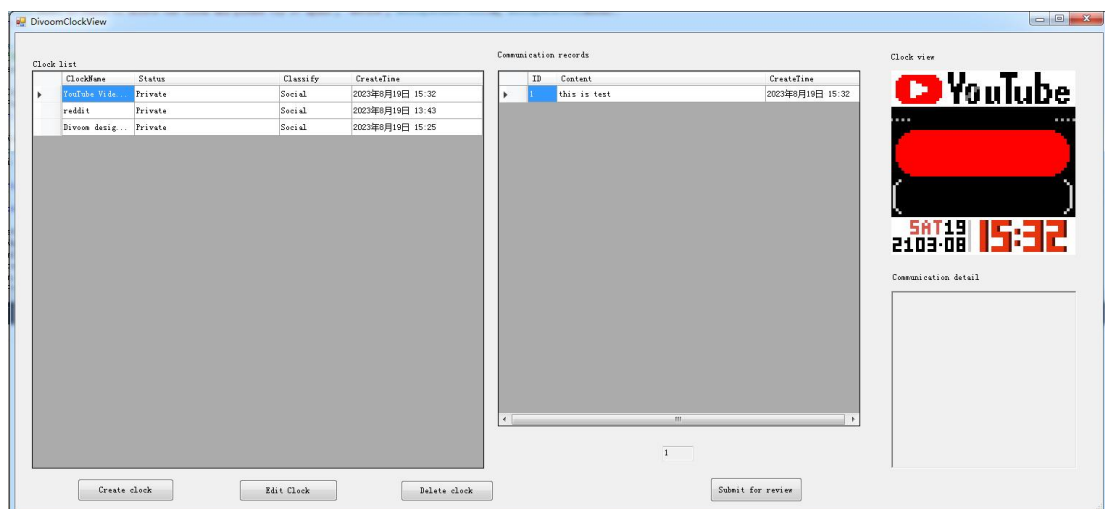
I: User login:

You will login with the "Divoom" APP's account information.



The image shows a 'User Login' window for Divoom. It has a title bar with standard window controls. The main area is titled 'Divoom Login'. There are three input fields: 'User Name' with the text 'developer@divoom.com', 'Password' with masked characters '*****', and 'Language' with a dropdown menu showing 'English' and '中文'. Below the fields are two buttons: 'Login' and 'Cancel'. Red arrows point to the 'User Name' and 'Password' fields.

II: review your clocks



The image shows the 'DivoomClockView' application window. It has a title bar with standard window controls. The main area is divided into three sections: 'Clock list', 'Communication records', and 'Clock view'. The 'Clock list' section contains a table with columns: ClockName, Status, Classify, and CreateTime. The 'Communication records' section contains a table with columns: ID, Content, and CreateTime. The 'Clock view' section shows a preview of a clock dial with a YouTube logo and a digital clock display showing 'SAT 19 21:03:08 15:32'. At the bottom of the window are four buttons: 'Create clock', 'Edit Clock', 'Delete clock', and 'Submit for review'.

ClockName	Status	Classify	CreateTime
YouTube Yid...	Private	Social	2023年8月19日 15:32
reddit	Private	Social	2023年8月19日 13:43
Divoom desig...	Private	Social	2023年8月19日 15:25

ID	Content	CreateTime
1	this is test	2023年8月19日 15:32

1:Clock list

It will list all your dials and include name, status, classify, create time.

1) :the clock status:

You can freely create dials. If you want to share the dial with the community, you need to submit it for review to DIVOOM, and the DIVOOM administrator will review the dial. If it is confirmed that there are no issues, your dial will be made public to the dial community.

The dial has four states which is private, wait for review, refuse, public:

Private

Not intended for public use, only for personal use; it will be changed to “wait to review ” when you click “submit for review”.

Wait for review

The plan is to make the dial publicly available to the DIVOOM community for use by other users, but it has not yet been approved by DIVOOM;

it will be changed to “Refuse” when DIVOOM thinks you need to modify some configurations, it will be changed to “public” when DIVOOM passes it;

it will be changed to “private” when you edit it.

Refuse

Submit for review, but some parts do not comply with the regulations. DIVOM returns the application and requires the user to make new modifications before submitting for review;

it will be changed to “private” when you edit it.

it will be changed to “Wait for review” when you edit clock and submit it again.

public

DIVOOM has been approved and can be viewed in the DIVOOM community;All users can see and use it.

In addition, if a dial that has already been launched is modified and submitted for review again, it will not affect the dial that has already been launched in the DIVOOM community.

2) :Communication records

The communication record between this user and the DIVOOM administrator regarding the selection of the dial will be displayed in the "Communication detail" if there are many details in the record.

3) : Up page

Page forward with 'Communication records'.

4): Down page

Page backwards with 'Communication records'.

5):Create clock

Jump to another page and create a new dial.

6):Edit clock

Jump to another page to edit the currently selected dial.

7):Delete clock

The currently selected dial will be deleted, and the dial will be removed from the private dial. However, the approved dial that is already in the dial application market will not be deleted.

8):Send device

Send the relevant information of the dial to the device for display, this command can only be sent to online devices.

9):Submit for review

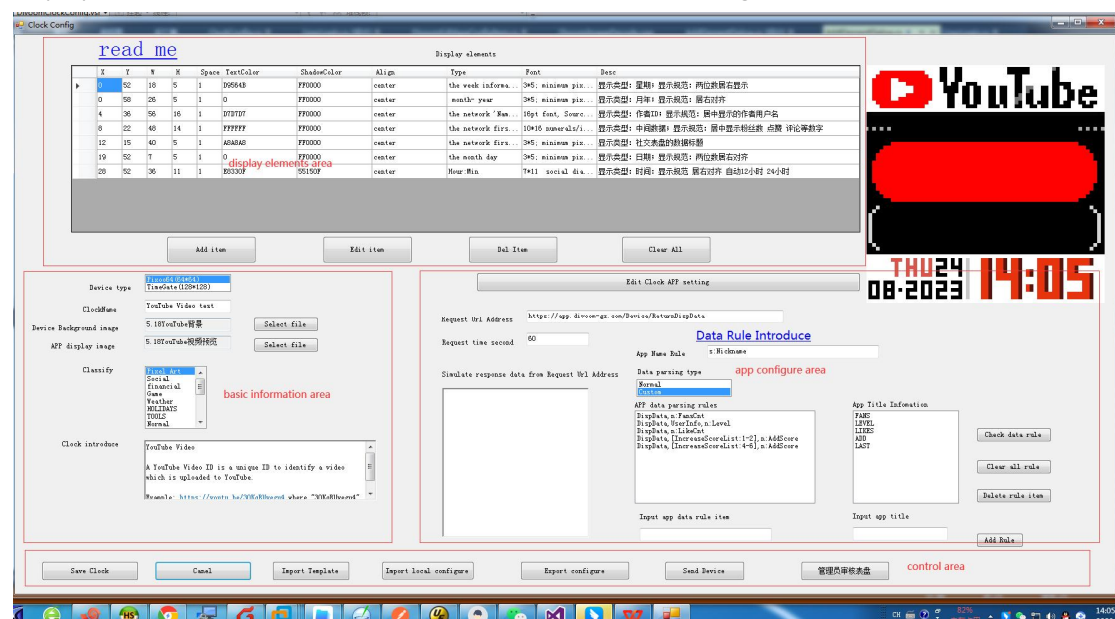
Submit an application to the DIVOM administrator for the dial, and the dial status will change to "Wait for review". The DIVOM administrator will provide a response within one week. If there are no issues with the dial, it will be publicly available in the dial application market; If there are some issues with the dial configuration, the administrator will reply with the problem points, and you need to modify and resubmit.

10):Clock view

Display a rough preview of the dial on the device.

III: Clock Config

This page will be used for creating or modifying dials, which will be divided into four areas: display element area, basic information area, APP network configuration area, and control area.



1:display element area

On a dial on the device, we will cut the display into several elements. Users can freely configure the elements on the screen, and you can Add item, Edit item, Delete, and clear them according to the operation of the display elements.

“Manage display element” will include “basic information”, “display type” and “font information”.

Postion:

The coordinate position(0,0) starts from the top left corner. The coordinate range of the screen is from 0 to 63, with a total of 64 points, so (Start+Size) should be less than 64.

Display element:

It will be either an image or text, and if it is an image element, a community animation will be selected. For text, choose a font for the text.

Font information:

The system will provide four types of fonts, which are Standard font, Monochrome font, Dual-color font and Image font.

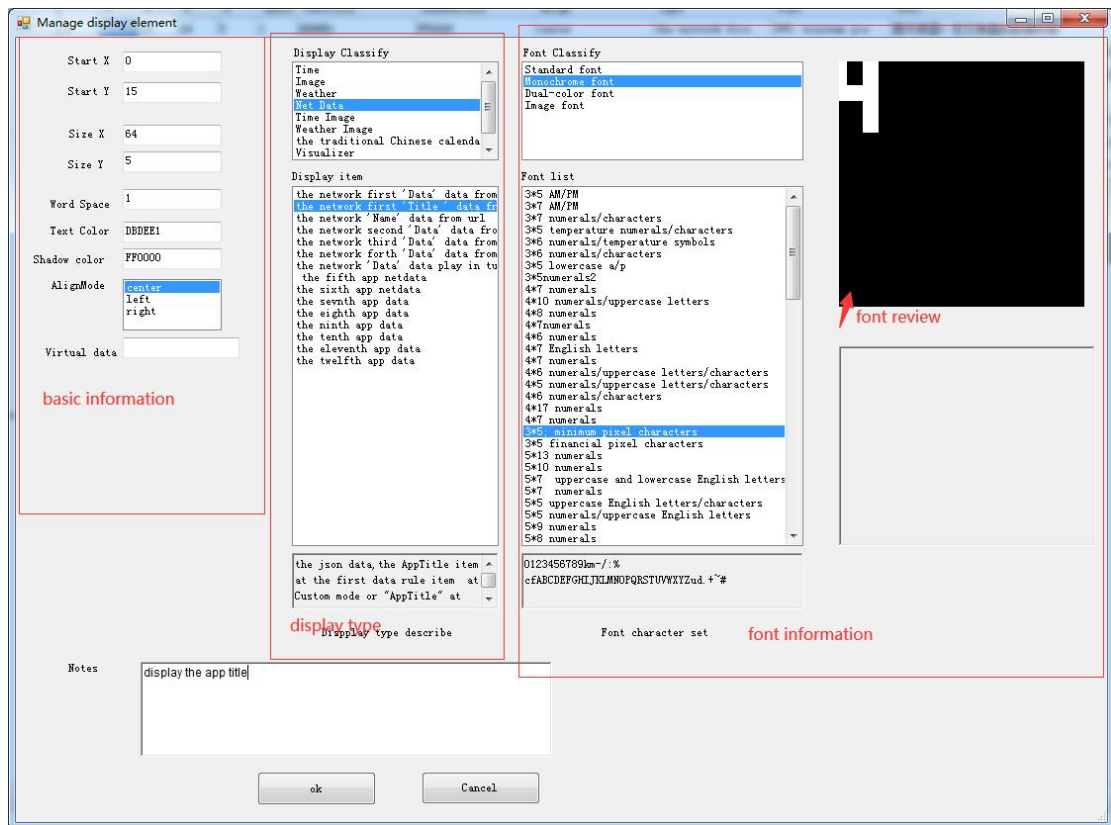
Standard font: It is several commonly used fonts exported from the WINDOWS system, basically including all characters, This font can only be configured with one color, and it will ignore the "shadow color".;

Monochrome font: It is a font designed by DIVOOM designers, with different widths and heights. This font can only be configured with one color, and it will ignore the "shadow color". You can see a rough preview of this font on the right.

Dual-color font: It is a font designed by DIVOOM designers, with different widths and heights. This font can be configured with two colors. You can see a rough preview of this font on the right.

Image font: It is a font designed by DIVOOM designers, This font device will directly use images to express.

Font character set: This font contains a character set, and the content you display must be within it, otherwise the content will be directly ignored



2:basic information area

Clock Name: Each clock should have a different name.

Device Background image: Each device is composed of a background image and several display elements, background image are mandatory.

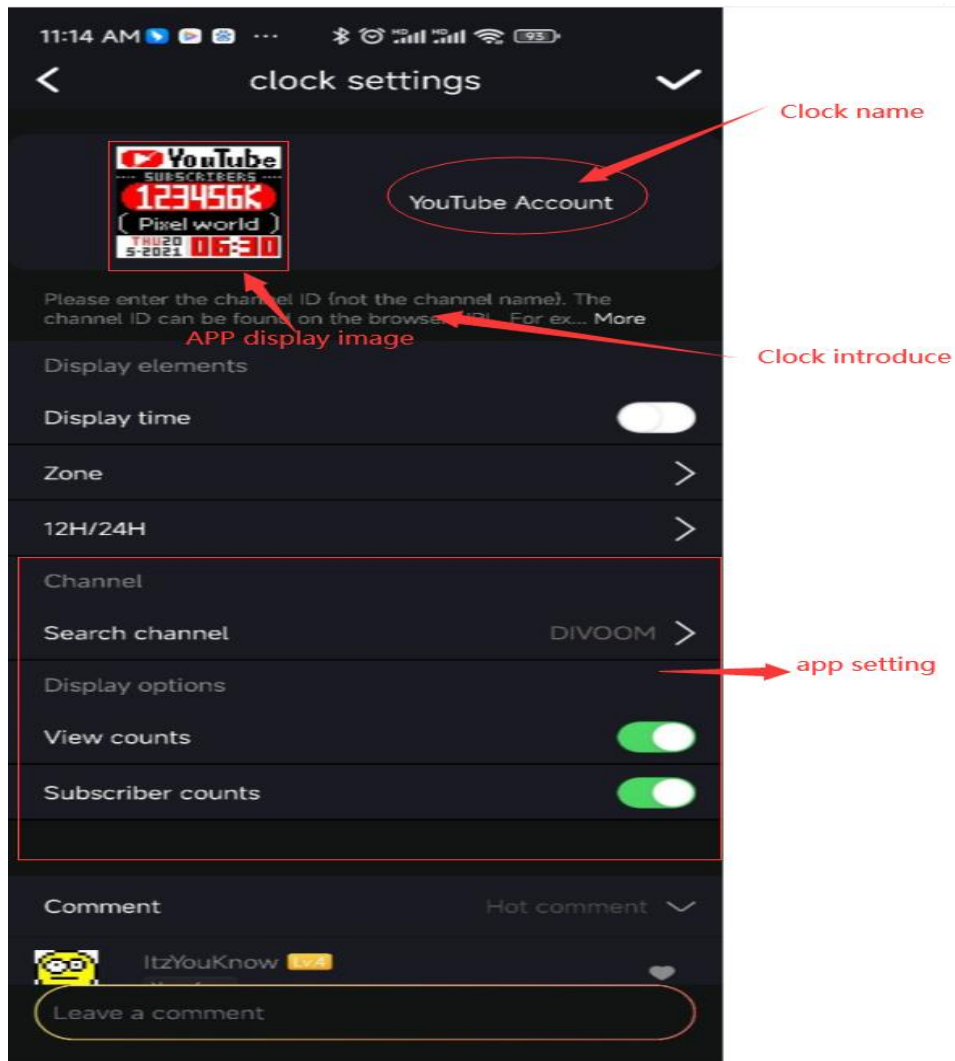
APP display image: Preview image of the dial seen in the APP community.

3:APP configure area

It will include two parts: the page of the APP setting and the request network data page of the device.

APP setting

User can design it via “Edit Clock APP setting”. Displayed on the APP as shown in the following figure:



APP setting will consist of the following elements:

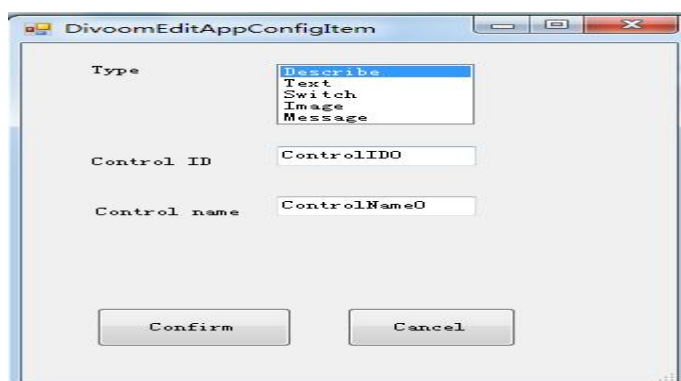
Describe: It's just a reminder message. Eg: "Channel", "Display Options"

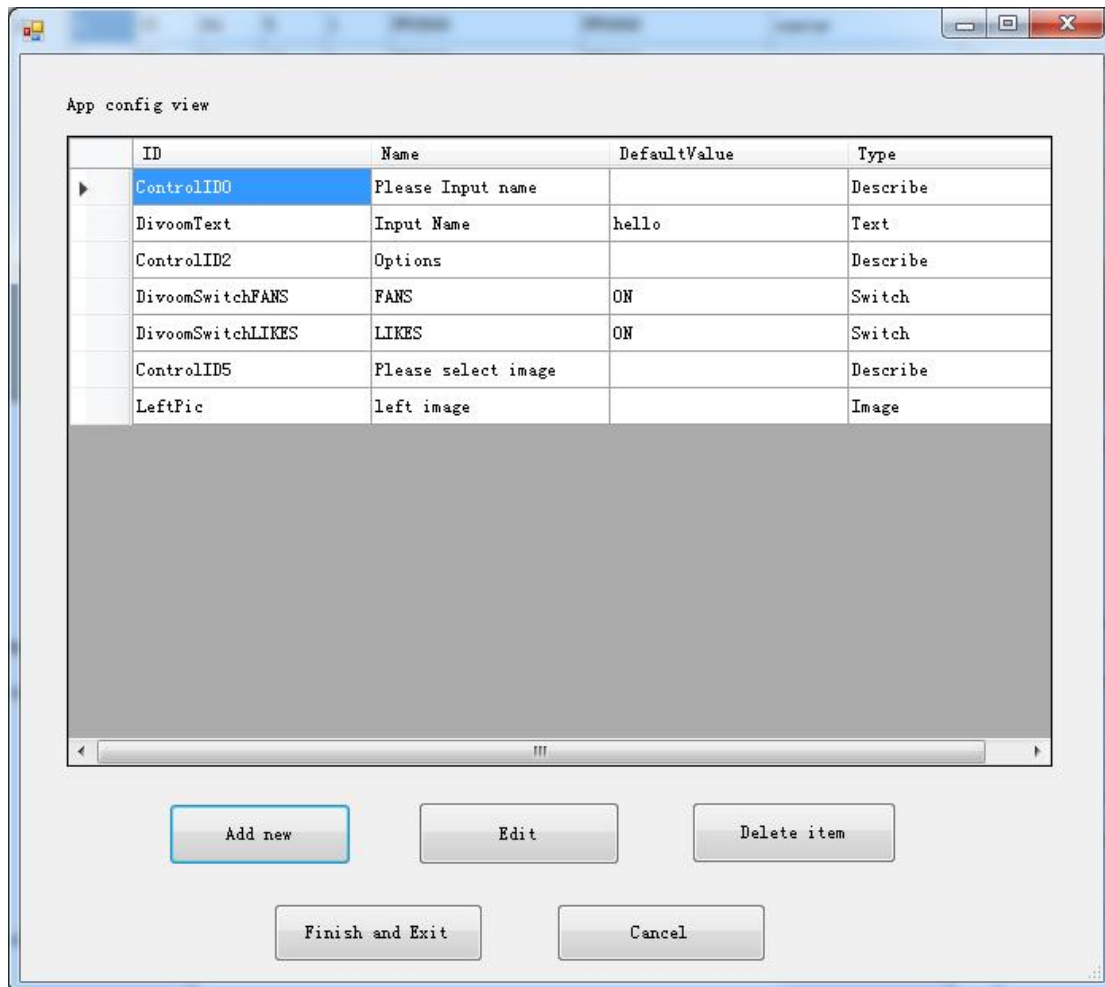
Text: It allows users to input a single line string and will also be passed to the URL requested by the device;

Switch: It is a switch that users can turn on and off, and it will also be passed to the URL requested by the device; eg:"View counts", "Subscriber counts"

Image: It allows users to choose a community image;

Message: It is a multi line text box that is only used for message reminders.





Device requests network data

Request Url Address:

Device will use it get display data, it will use the switch and text type in the app setting .if it is <https://www.divoom.com> and We use the APP setting shown above. Device will request <https://www.divoom.com?DivoomText=hello&DivoomSwitchFADS=1&DivoomSwitchLIKES=1>(“<https://www.divoom.com>” + “?DivoomText=hello&DivoomSwitchFADS=1&DivoomSwitchLIKES=1”).

Request time second: The time interval between device requests to the network, in seconds.

Simulate response data from Request Url Address: The simulation data of device network requests is mainly used to verify whether the data parsing rules are correct.It is a JSON data format.

App Name Rule:It is a data parsing rule for the display element "the network 'Name' data from URL". If your display element includes it, please configure it. Please refer to the webpage '<https://f.divoom-gz.com/DivoomClock/DivoomDataRule.pdf>' for “data parsing rule” .

Data parsing type: it will include “Normal” and “Custom”. Please refer to the webpage '<https://f.divoom-gz.com/DivoomClock/DivoomDataRule.pdf>' for “data parsing rule”.

Data parsing rules:It is a data parsing rule for the display element "the network 'Data' data from URL". If your display element includes it, please configure it. Please refer to the webpage '<https://f.divoom-gz.com/DivoomClock/DivoomDataRule.pdf>' for “data parsing rule” .

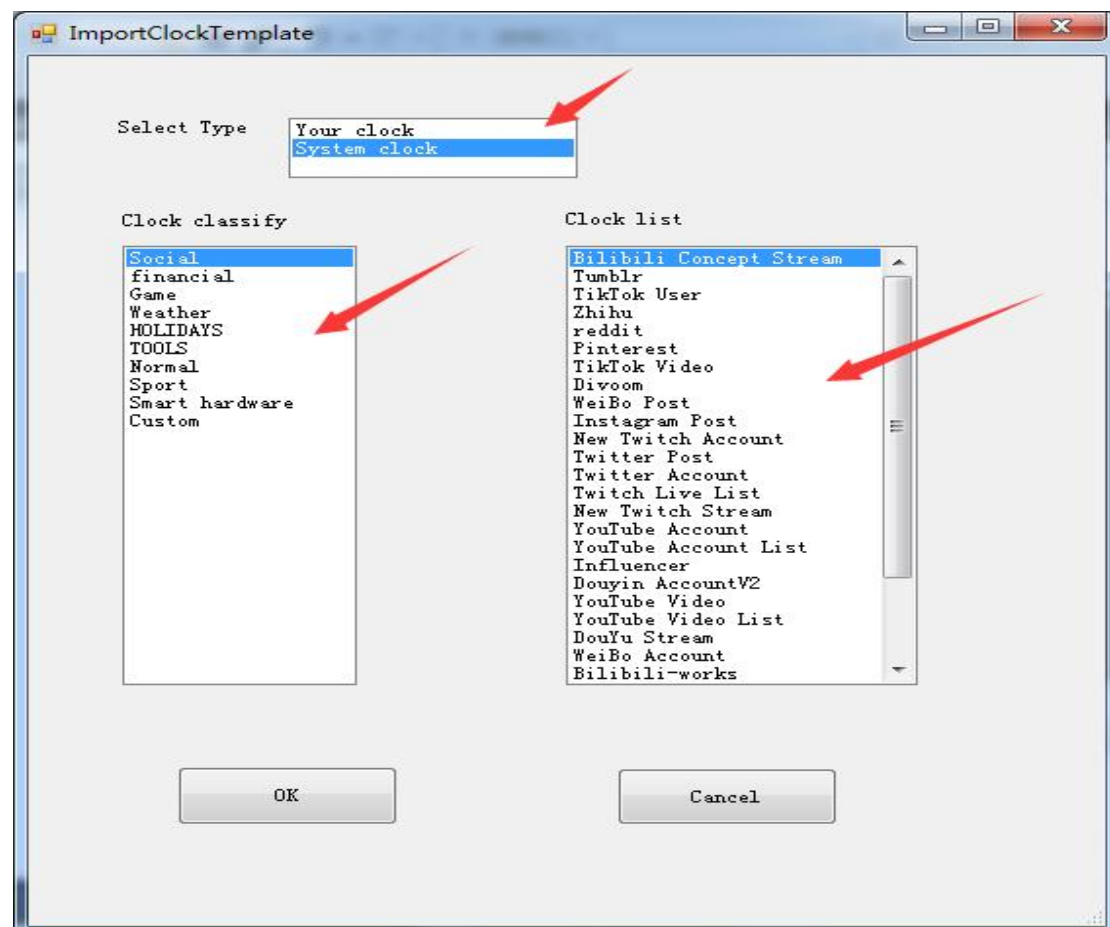
Input app title:It is paired with 'APP data parsing rules' and is the data source for' the network 'Title' data from URL '.

Check data rule: It is used to verify whether the "Simulate response data" and "APP data parsing rules" are qualified, and if they are not qualified, a prompt will be given.

4:control area

Save Clock: it will save the clock configure and the clock’s status will be “Private”.

Import Template: It can import the relevant configurations of the already prepared dial in the dial community or yours. If it is a system dial, “APP network configuration area” cannot be modified, and will be hidden.



Import local configure: it will import local configure which is created by export configure.

Export configure: it will save the configure in the local file.

Send Device: it will display the clock in the device.