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# eRetail3.1 Online Template Tool

V1.1

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### Historic version

| Version | Date      | Describe   | Maker  | Reviewer |
|---------|-----------|--|--------|----------|
| 1.0     | 2023/8/21 | eRetail3.1 online template tool manual             | Merlin | Tony     |
| 1.1     | 2023/8/28 | eRetail3.1 online template tool manual translation | Kris   | Tony     |



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## 1. Summary

### (1) What is Template Tool?

Edit the display content of the traditional paper price tag into an electronic document and transmit it to the label for display.

### (2) What is Template type?

The Goods information in the displayed content can be changed, while the rest are fixed display content, as shown in the figure:



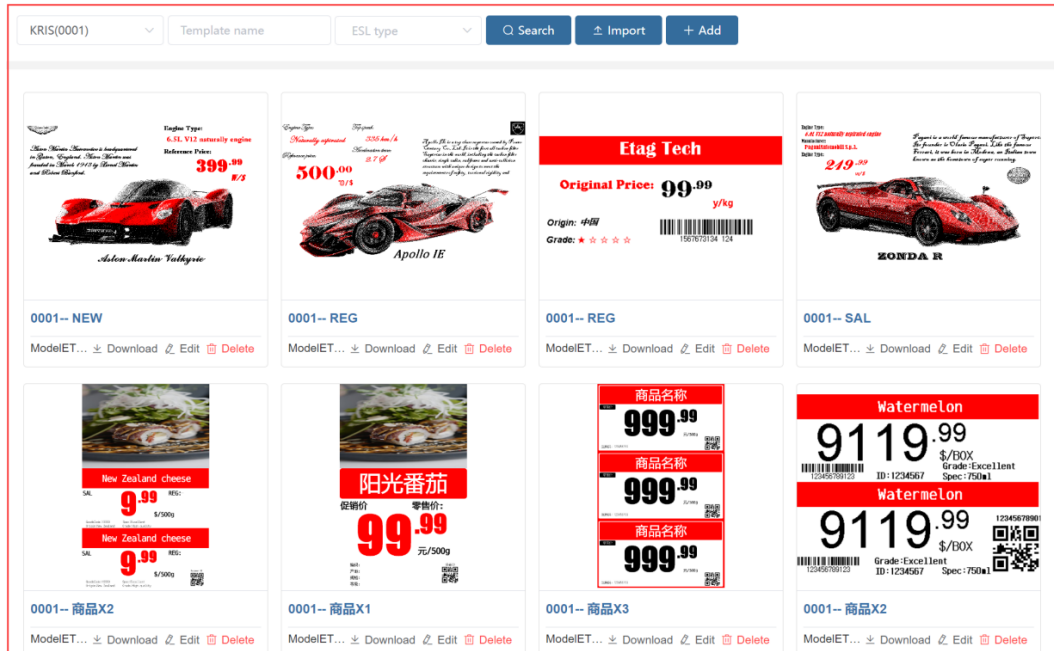
Template type naming: ESL is named based on the displayed content information, Regular price template is named REG, Sale price is named SAL, and Member price is named MER.

## 2. Software introduction

The online template tool is integrated into the eRetail3.1 system, abbreviated as (Template Management). Users use the template tool to display information bound to customer product data, and label information is displayed along with the bound product content. The template created by Template Management is directly saved for use without the need for import steps.

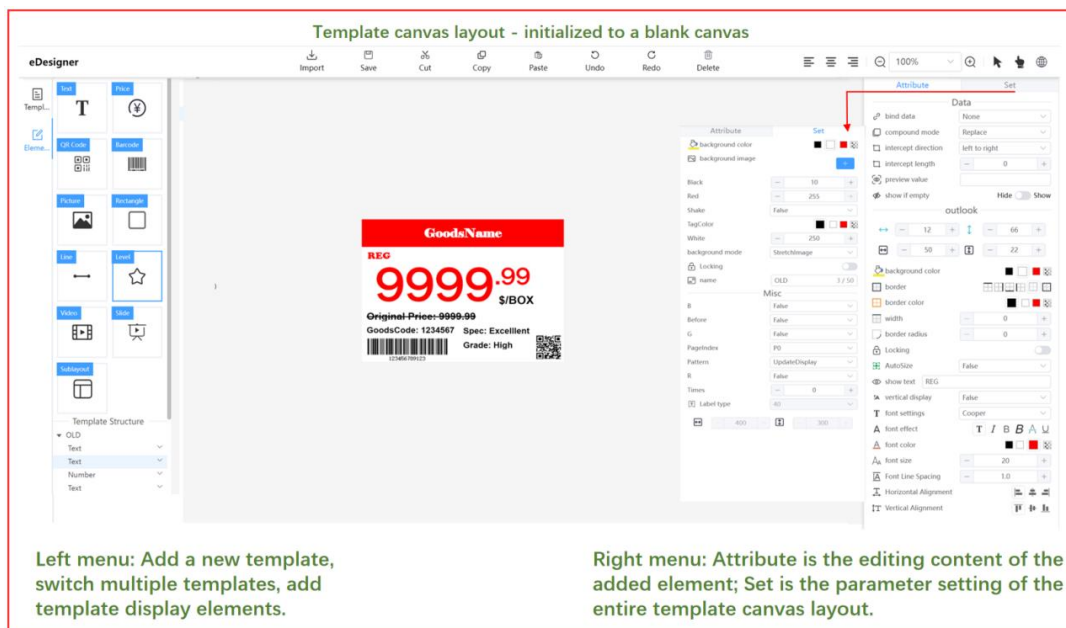
## 3. Template Management

eRetail3.1 system menu (Template Management) Click Add or Edit to enter the online template tool.



### 3.1 Menu bar buttons

The menu is divided into three modules, left menu, top menu, right menu.



Left menu: Add a new template, switch multiple templates, add template display elements.

Right menu: Attribute is the editing content of the added element; Set is the parameter setting of the entire template canvas layout.

### 3.1.1 Left menu

#### 1. Add: New t template.

**Document name:** Template name, the regular ESL label is named by the name defined by the template type, such as REG, SAL, MER, U, OOS.

**Label type:** Select the corresponding label type to make a template, among which LCD ESL selects ET1010C-S(D), and LCD selects Custom.

**data version:** The default is 99, which is related to the product field

**document direction:** Rotate the template display according to the direction of the label, and display the content from the front of the label.

None  
90°  
180°  
270°

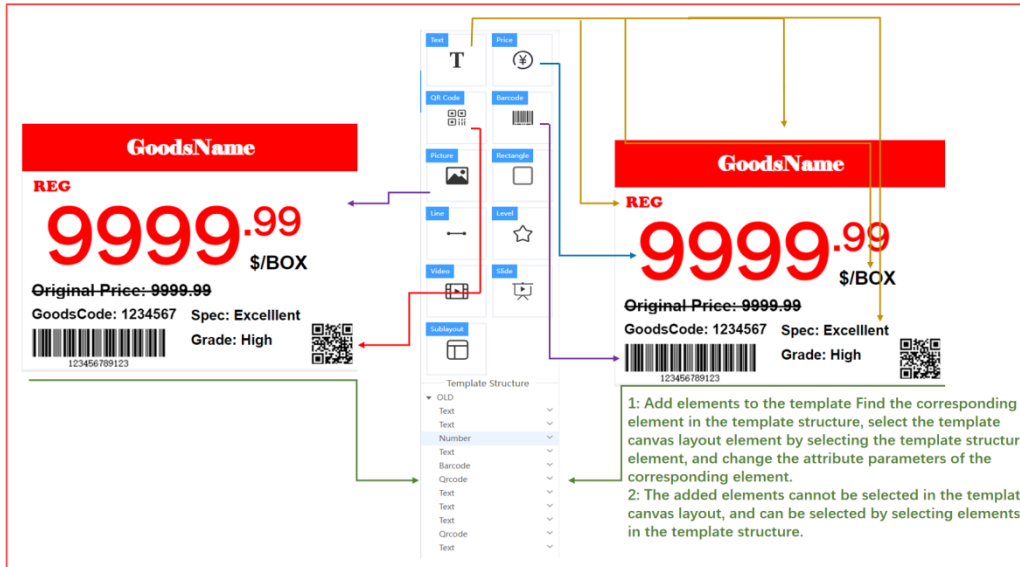
- Note: The name in the right menu settings can change template name.

#### 2. Template: Switch between templates

**Effect:**

- 1: Switch between templates
- 2: Add a new template when editing a template. The edited template content can be copied and pasted into a new template through the top menu, which is convenient for quickly making other template types.

3. Elements: The template content is organized into templates by adding corresponding elements, and the corresponding elements of different color lines are displayed within the template layout.



### 3.1.2 Right menu

(1) Set up:

| Attribute        | Set  |   |
|------------------|--|---|
| background color | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Canvas layout background color, custom color for LCD ESL and LCD devices  |
| background image | <input type="checkbox"/>   | Canvas layout adds background image for LCD ESL and LCD devices   |
| Black            | 10   | Turn on Shake to take effect, the black dithering parameters of the picture   |
| Red              | 255  | Turn on Shake to take effect, the red dithering parameters of the picture   |
| Shake            | False  | Whether the picture is Shake, used for ESL to add pictures  |
| TagColor         | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Picture color dithering parameter, choose red picture dithering as red, the whole picture shows red   |
| White            | 250  | Image dithering parameter size, the larger the number, the darker the color selected for the label  |
| background mode  | StretchImage   | Picture display style: overall left of the picture, overall center, adaptive canvas layout size, general scene display                            |
| Locking          | <input type="checkbox"/>   | After locking, the coordinate position of the element cannot be adjusted, the element value can be modified, and the layout can be dragged freely |
| name             | OLD 3 / 50   | Change template name  |
| Misc             |  |   |
| B                | False  | Flashing light color RGB medium blue switch   |
| Before           | False  | True means refresh first and then flash, false first flash and then refresh   |
| G                | False  | Flashing light color RGB medium green switch  |
| PageIndex        | P0   | ESL has 8 pages of content to display, select the P() template to refresh to the page corresponding to the label, NFC label page cutting function |
| Pattern          | UpdateDisplay  | Update method   |
| R                | False  | Flashing light color RGB medium red switch  |
| Times            | 0  | Flash time  |
| Label type       | 40   | Label feature code, used to distinguish label size  |
|                  | 400 300  | Label resolution  |

● Note: Update method Pattern parameter meaning

| Parameter name | Meaning                  | Parameter name | Meaning                |
|----------------|--------------------------|----------------|------------------------|
| Update Display | Update and display       | Update Part    | Partial update         |
| Update         | Update cache not showing | Display        | Now immediately        |
| DisplayInfor   | Undefined                | Led            | Only trigger the flash |

(2) Text elements: Display Goodsname, Spec, Goodscod, price, notes, etc.

● Rounded corner setting effect:



(3) Price element: Display the price of the product, the difference from the text display price is that the decimal part display style can be set.



## (4) QR code elements: Display website links (Products information), device ID.

**Data**  
 bind data: Device ID  
 compound mode: Replace  
 intercept direction: left to right  
 intercept length: 0  
 preview value: [empty]  
 show if empty: Hide/Show

**outlook**  
 width: 344, height: 243, square: 50

**background color**  
 border, border color, width, border radius, Locking, color

**QR code background color**  
 Four styles, LCD ESL, LCD with any color combination

**QR code display content color**  
 The QR code displays information by default, and without binding fields, this information is displayed by default

Text: https://www.bing.com 20 / 50

## (5) Barcode element: Displays the barcode or code of the item

**Data**  
 bind data: GoodsCode  
 compound mode: Replace  
 intercept direction: left to right  
 intercept length: 0  
 preview value: [empty]  
 show if empty: Hide/Show

**outlook**  
 width: 11, height: 250, square: 160, small square: 46

**BarcodeFormat**  
 FontSize: 12  
 ForeColor, Rotate, PureBarcode

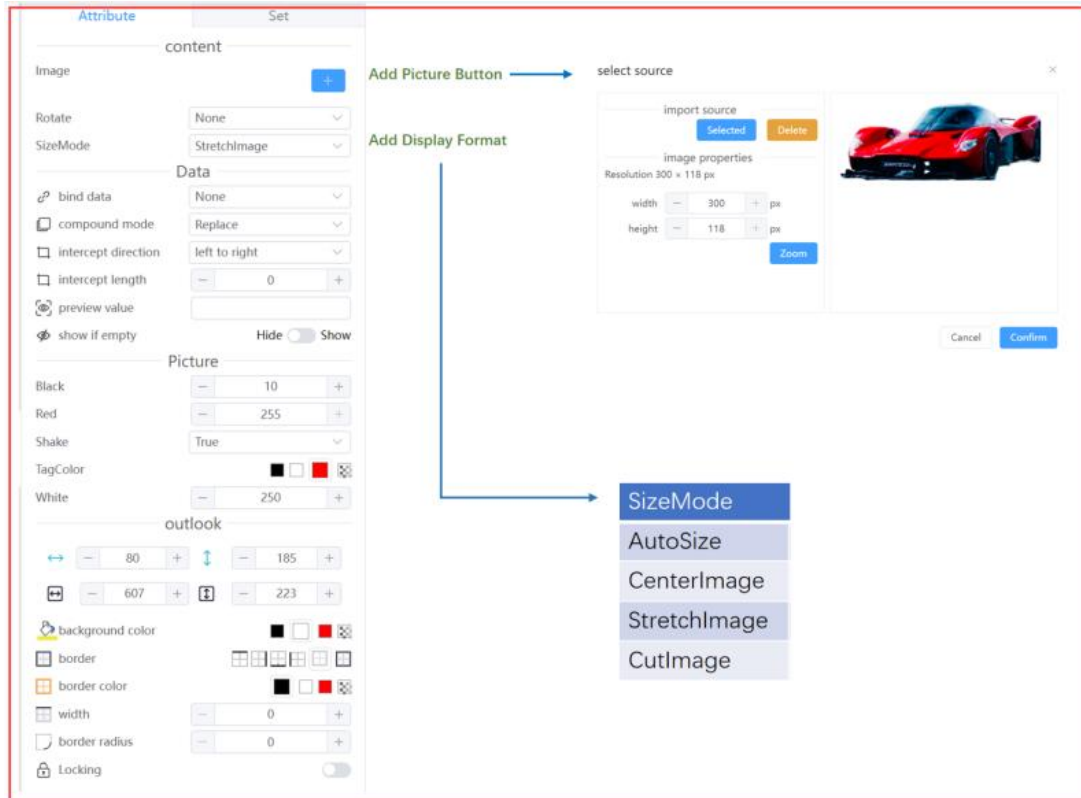
**Barcode display format**

| Barcode display format |             |         |
|------------------------|-------------|---------|
| Auto                   | CODE_128    | PDF_417 |
| AZTEC                  | DATA_MATRIX | QR_CODE |
| CODABAR                | EAN_8       | MSI     |
| CODE_39                | EAN_13      | PLESSEY |
| CODE_93                | ITF         |         |

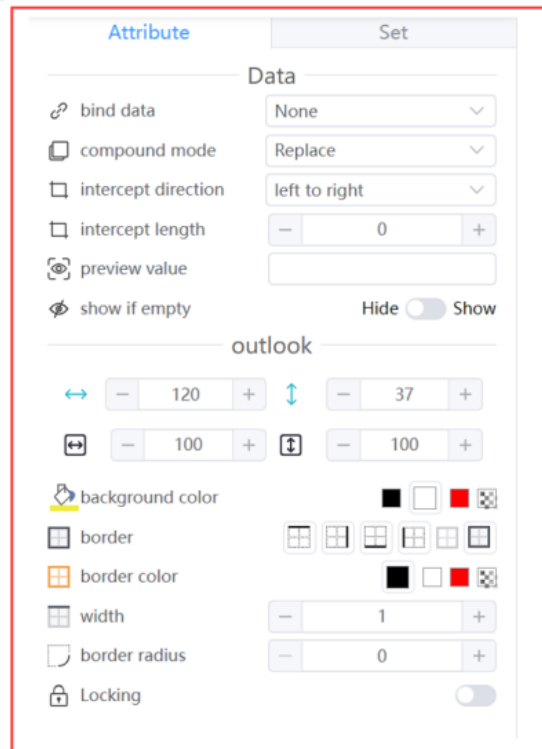
**Barcode display format**  
**Barcode information fontsize**  
**Barcode rotation direction**  
 Open the display of barcode+barcode information  
 Turn off displaying only barcodes

Text: 123456789123 12 / 50

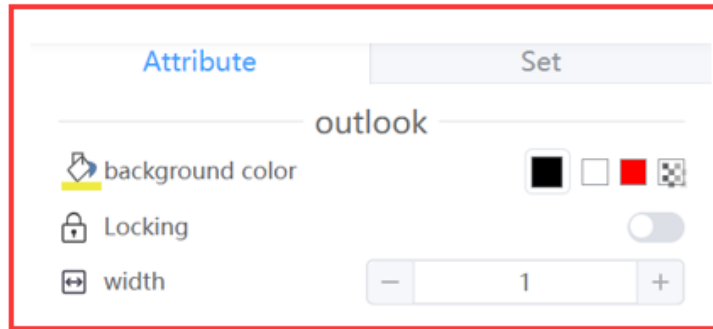
## (6) Image elements: ESL device customer logo (black, white, yellow, red), LCD ESL, LCD display product image, or customer logo.



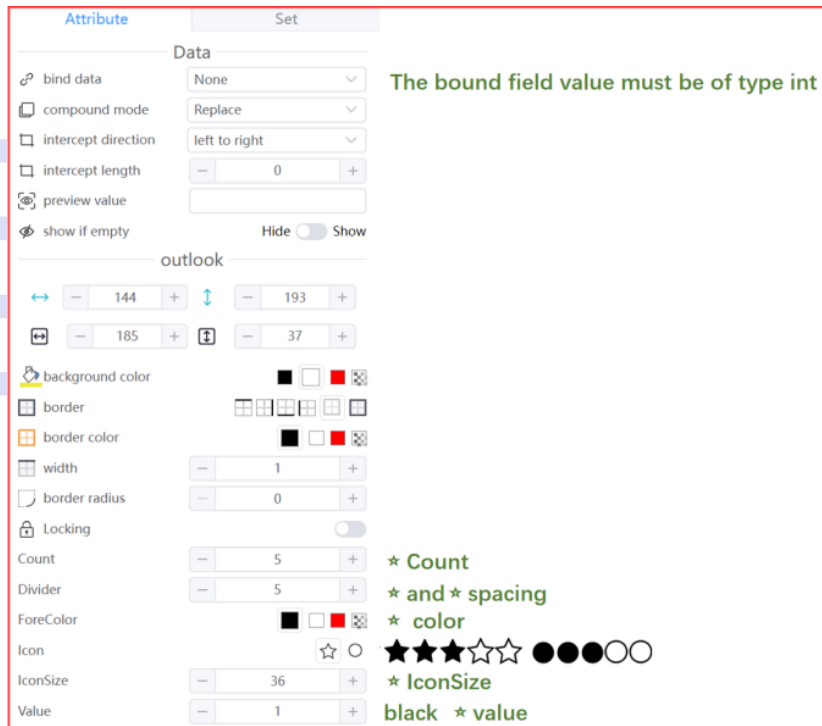
(7) Rectangular element: Split canvas layout area, add area background color, and decorate.



(8) Line element: Divide canvas layout areas, oblique strikeouts, decorations, etc.



(9) Level element: Use graphics to present commodity levels, and the value of the bound field must be int.



(10) Video element: LCD ESL, LCD displays products or advertising videos, and the binding field selects Bind Product, Bind Area, or None.

**Bound Goods:** Product binding video, product not bound video fetch area  
**video playback**  
**bound area:** Video is a region bound video  
**None:** Custom Selection Background Audit Video

**Edit the same feature code**

**ResFeature:** The background has reviewed the input values of video features for corresponding settings, which are used to automatically change the display content for festivals and events

(11) Slideshow element: LCD plays product or advertising images.

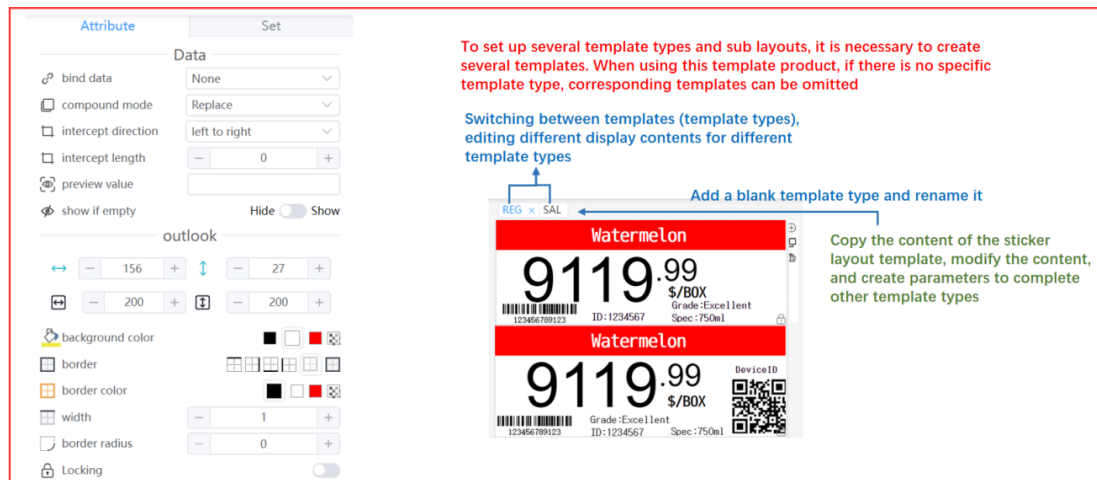
**Bound Goods:** Play product binding images, which can bind multiple images  
**bind area:** Bind images in the playback area, which can bind multiple images

**Edit the same feature code**

**Picture playback interval**





**ResFeature:** Corresponding to the input values of multiple approved image features in the background, play the images in sequence


(12) Sub-layout element: LCD ESL, LCD, ESL combination binding template uses this element (one label displays multiple products).



## 4. Introduction to the top menu



- (1) **Import:** Import JSON format template file;
- (2) **Save:** Save the template to the background of the eRetail3.1 system;
- (3) **Cut, Copy, Paste**
- (4) **Undo:** Return to the previous step;
- (5) **Redo**
- (6) **Delete:** Delete the added element, after clicking, it will prompt whether to confirm the deletion;
- (7)  : The position of the element in the canvas layout, left, center, right;
- (8)  : Zoom in or zoom out the canvas layout;
- (9)  : Select tools, select canvas layout elements for editing, and select elements whose hierarchical relationships cannot be selected in the template structure;
- (10)  : Quickly lock the canvas layout and drag the canvas

(11) : Online template tool page language, the interface language supported by eRetail3.1 system basically supports.

## 5. How to make a template

Customer requirements: Make a 4.2-inch black and white red ESL label SAL template display **GoodsName**, **Sale price**, **Original price (strikethrough is added to Original price)**, **Goodscode**, **barcode**, **Spec**, **Grade** and **Unit**.



1. Follow the form below:

| Attribute        | Element Content Parameters |          |               |          |                 |            |           |          |
|------------------|----------------------------|----------|---------------|----------|-----------------|------------|-----------|----------|
|                  | Goods Name                 | SALE     | 9999.99       | \$/BOX   | Original Price  | Goods Code | Spec      | Grade    |
| Type             | text                       | text     | price         | text     | text            | text       | text      | text     |
| bind data        | Goods Name                 | -        | Current price | Unit     | Original price  | Goods Code | Spec      | Spec     |
| compound mode    | Replace                    | Replace  | Peplace       | postfix  | postfix         | postfix    | postfix   | postfix  |
| preview value    | -                          | -        | -             | BOX      | 9999.99         | 1234567    | Excellent | High     |
| position         | -3, 0                      | 12, 66   | 21, 93        | 270, 158 | 10, 190         | 12, 219    | 200, 219  | 200, 249 |
| element size     | 403, 58                    | 50, 22   | 323, 80       | 70, 28   | 227, 27         | 188, 27    | 150, 30   | 117, 30  |
| background color | red                        | white    | white         | white    | white           | white      | white     | white    |
| AutoSize         | True                       | False    | True          | False    | True            | True       | True      | True     |
| show text        | GoodsName                  | SAL      | -             | \$/      | Original Price: | GoodsCode: | Spec:     | Grade:   |
| font settings    | Elephant                   | Cooper   | Zfull-GB      | Arial    | Arial           | Arial      | Arial     | Arial    |
| font effect      | <b>B</b>                   | <b>T</b> | <b>B</b>      | <b>B</b> | <b>B</b>        | <b>B</b>   | <b>B</b>  | <b>B</b> |
| font color       | white                      | red      | red           | black    | black           | black      | black     | black    |
| font size        | 25                         | 20       | 100           | 23       | 20              | 17         | 17        | 17       |