Weather Guideline

2021.05.17

Contents

1. **Change the wheather image**

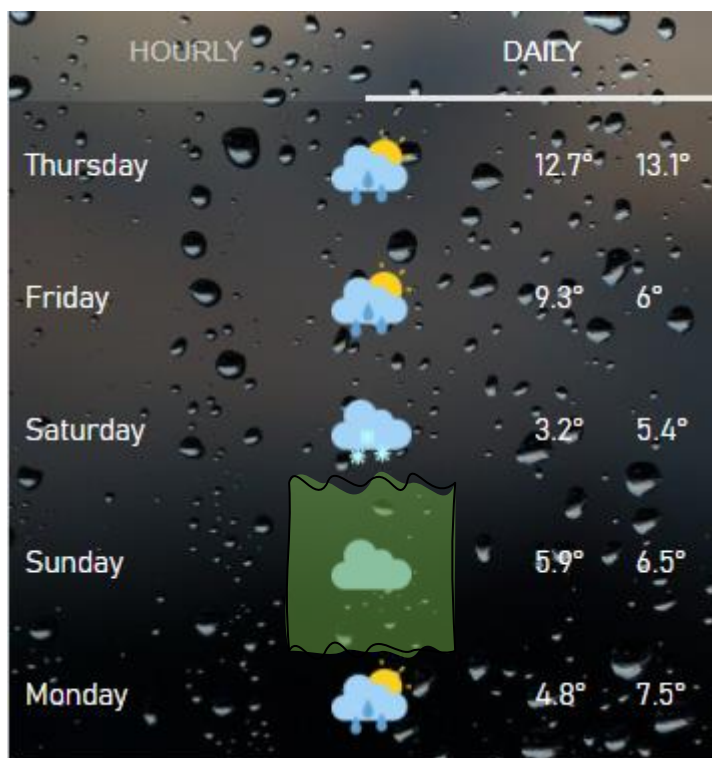- Change the weather image for cloudy, clear, fog, snow, rain, thunderstorm.

1) Open the **Img** imageCollection.

2) Add a new image file.

3) Check the '**WebImagePath'** of the registered image.

Design	
Name	cloud
ControlType	Image
Parent	WebImageCollection
Properties	
ImagePath	cloud_1535323.png
WebImagePath	image/cloud_1535323.png

4) Open the **WheatherRSet** Object.

5) Change the query statement of the dailyList query node.

Enter the WebImagePath of the newly registered image.

```
1   SELECT dayname(from_unixtime(DT)) AS DAY
2        , TRUNCATE( TEMP_MORN - 273, 1 ) AS TEMP_MORN
3        , TRUNCATE( TEMP_DAY - 273, 1 ) AS TEMP_DAY
4        , WEATHER_MAIN
5        , CASE WHEN WEATHER_ID > 800 THEN 'image/cloud_1535323.png' -- cloudy
6               WHEN WEATHER_ID = 800 THEN 'image/sun_964939.png' -- sunny
7               WHEN WEATHER_ID >= 700 THEN 'image/cloudy_1043243.png' -- mist
8               WHEN WEATHER_ID >= 600 THEN 'image/snowy_250146.png' -- snowly
9               WHEN WEATHER_ID >= 300 THEN 'image/cloudy (1)_1894200.png' -- rainy
10              ELSE 'image/storm_594647.png' -- storm
11         END AS IMG_WEB_PATH
12       , TRUNCATE( TEMP - 273, 1 ) AS TEMP
13       , TIMEZONE
14       , TYPE
15       , WEATHER_ID
16       , UV
17       , HUMIDITY
18       , TRUNCATE( FEELS_LIKE - 273, 1 ) AS FEELS_LIKE
19          , TRUNCATE( WIND, 1 ) AS WIND
20       , VISIBILITY
21   FROM weather_weather_info
22   WHERE TYPE IN ( 'CURRENT', 'DAILY' );
```

Thursday		12.7°	13.1°
Friday		9.3°	6°
Saturday		3.2°	5.4°
Sunday		5.9°	6.5°
Monday		4.8°	7.5°

2. **Change icon image**

- Change the icon for the perceived temperature, UV index, humidity, wind strength, and visible distance.
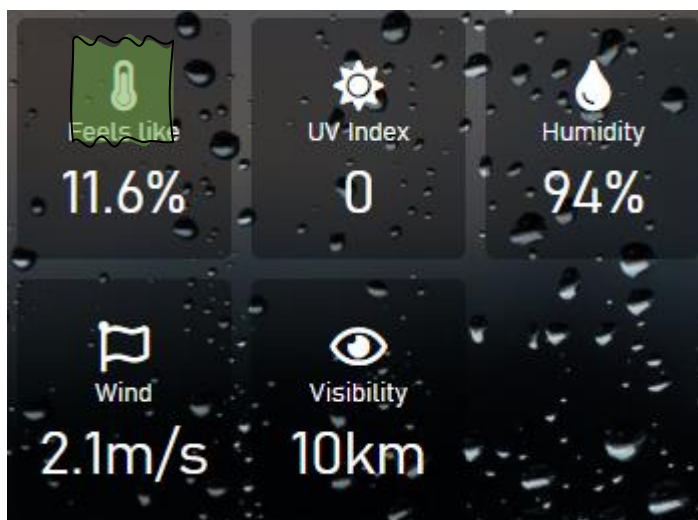
1) **Solution** – **HTML CSS** – **Weather_WeatherWForm** Click.

2) Change the content CSS of line 50 to "₩f2cb";

```
48    /* feels like */
49    .agados-weather-panel:before{
50        content: "₩f2c8";
51        font-family: "Font Awesome 5 Free";
52        font-weight:900;
53        text-align:center;
54        color:white;
55        display: block;
56        padding-top: 20px;
57        font-size: 25px;
58    }
```

The cheat keys for the icon can be found on the site below.

https://fontawesome.com/v5.15/icons?d=gallery&p=2&q=temperacture&m=free

3. **How to use openWeatherMap api?**

- Let's see what weather data we can find out.

1) Open the **WheatherRSet** Object.

2) Check the 'Request Parameters' tab of the Web Service node.

   Get the weather data by passing the api key, latitude, longitude and options to exclude.

3) Check out the api documentation. https://openweathermap.org/api/one-call-api.

   It says the current.pressure field contains 'atmospheric pressure data'.

4) Check the 'response parameters' of the WebService node.

   You can receive atmospheric pressure data by mapping a member to the current.pressure

   parameter.

current.feels_like	currOneCallMSet.FEELS_LIKE
current.humidity	currOneCallMSet.HUMIDITY
current.pressure	
current.sunrise	
current.sunset	

5) Find out what weather data you can receive, and get data from the Response Parameters tab.

4. **Changing the background image according to the weather.**

- Change the image that changes according to the weather.

1) Open the **WeatherWESet** Object.

2) Check the detailed setting window of the **Img** "Control Property" node.

   There are several conditions that are performed based on the value of the **Weather.ID** field.

3) Select the condition group called **Cloudy**, go to the property set tab and change the background-
   image style of the "BackgroundPanel".

Style	^
▾ background	
background-attac···	
background-break	
background-clip	
background-color	☐
background-image	Template.Weather.Img.Web···
background-origin	
background-position	
background-repeat	
background-size	