

# Weather App



## Introduction.

Powered by [AccuWeather.com](http://www.accuweather.com) this app enables you to include reliable, accurate weather updates for your local area. The app does require you to have a subscription with Accu Weather, details of which will be stored in Acquire. The app can also be programmed to determine how frequently the weather updates refresh and the appearance of the weather feeds and how they are displayed can also be specified.

## Project App.

This project app will download data from our weather website partner and use it to set Acquire Variables ready for use in your project.

This is a subscription service which can be purchased from the following website:

<http://www.acquiredigital.com/weather>

Multiple locations of weather can be read at a time.

as:lightbulb The project app will run in **“demonstration mode”** until you enter your subscription details. Whilst in this mode the weather data supplied is not live, it is supplied for demonstration purposes only.

## Page App.

While you can use the variables directly from the project app, sometimes it is easier to use a pre-configured system of icons to display your weather in a more friendly way.

The page app is useful for this.

[AccuWeather.com](http://www.accuweather.com).

These apps are powered by [AccuWeather.com](http://www.accuweather.com) which is a subscription service that can be purchased from the following website:

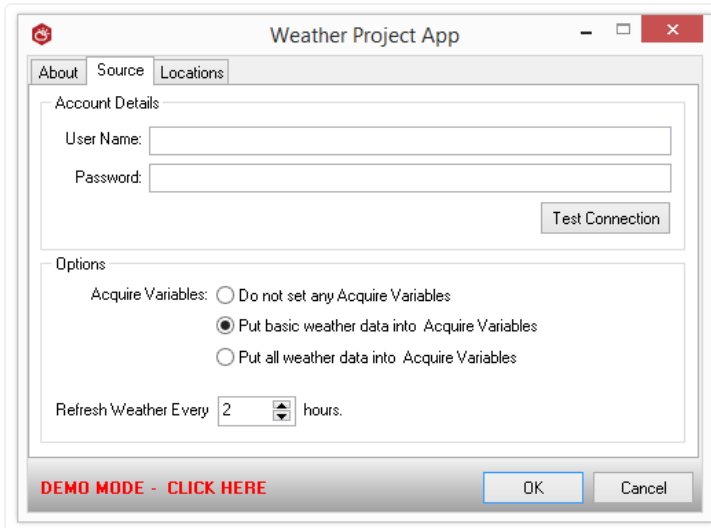
<http://www.acquiredigital.com>

[AccuWeather.com](http://www.accuweather.com)'s content for digital signage features highly localized, accurate, reliable, and quality-controlled weather forecasts for more than 2.7 million locations worldwide and are fully licensed for Acquire digital signage applications.

## Project App Configuration Window.

Use the two tabs to tell the app which weather feed you have subscribed to and what location/s you want to get the weather data for.

## Source tab.

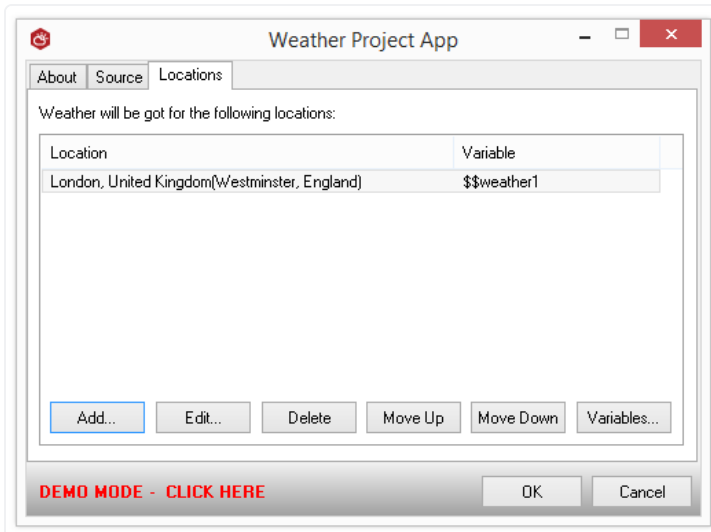


1. Enter your subscription **username** and **password**.
2. **Choose how much data is sent to Acquire:** The more sent, the more options available to you but the longer it will take Acquire to populate these fields. Generally the default is ok.

as: **tip!** If you are using the Weather page app then this can be set to Do not set any Acquire Variables.

## Locations tab.

Use this tab to define Acquire Variables and the location where the weather data is read from.



### This is a list of root Acquire Variables and their weather Locations:

In the above example:

- a. The first item in the list is set to a get weather data from a location specified via a variable.
- b. The root variable is: \$\$weather1. This means that each weather data variable is appended to this, e.g.:
  - \$\$weather1.current.description = Mostly Cloudy
  - \$\$weather1.current.temperature = 17c
- c. See the Appendix 2 for a complete list of the variables set. These buttons are used to manipulation the above list.

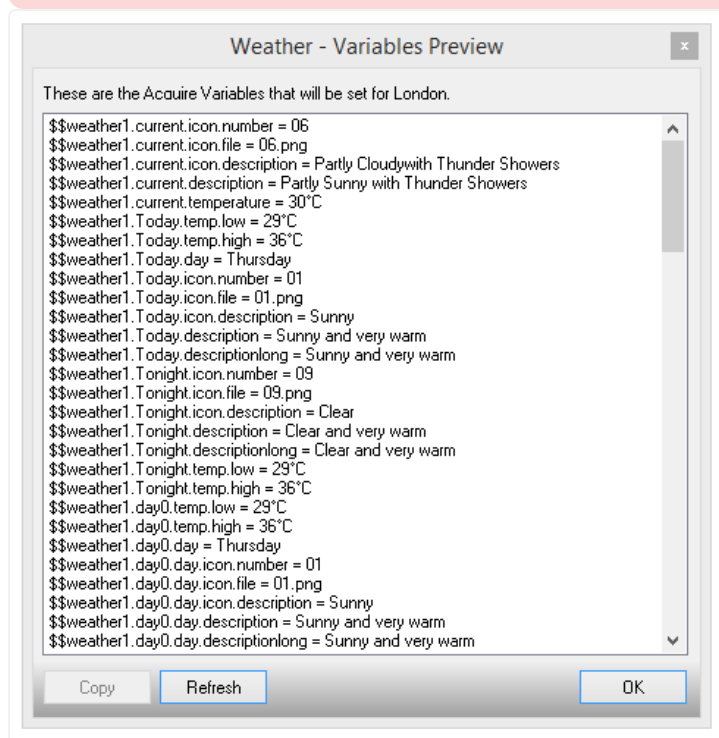
**These buttons are used to manipulation the above list:**

- **Add:** Append a new item to the list.
- **Delete:** Remove the selected items from the list.
- **Move up/down:** Move the selected items within the list.

### Preview window.

This window is shown when you press the Variables button on the Locations tab.

as:lightbulbs must have an internet connection, entered correct subscription log-in details on the Source tab and entered a valid Location.

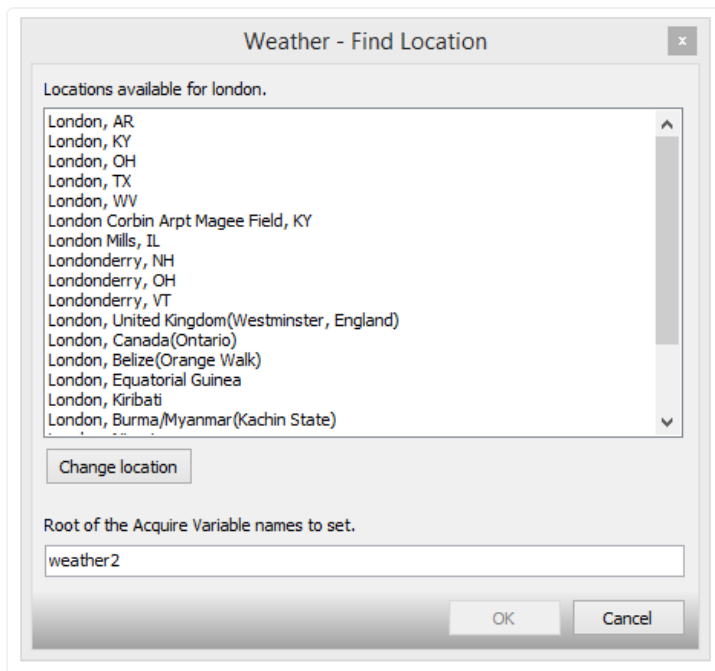


The list of all the Acquire Variables that your weather site sets for the location. i.e. London

Use the buttons to:

- **Copy:** Press this to copy the selected item's variable names into the clipboard. You can then paste them into your project instead of having to type them.
- **Refresh:** Press this to refresh the list.
- **OK:** Press this to close the window and return to the Locations tab.

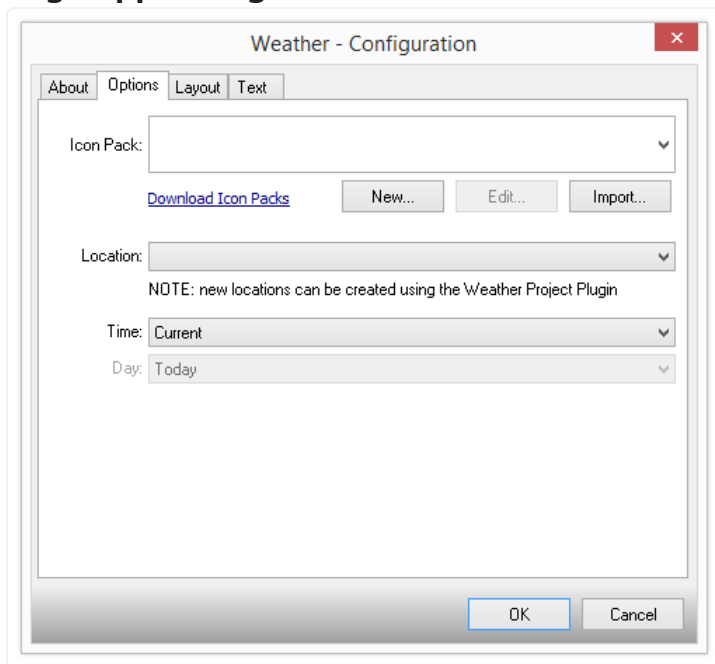
### Locations window.



**A list of all the locations that match the real location name is shown:** Press Change Location to switch to a different location.

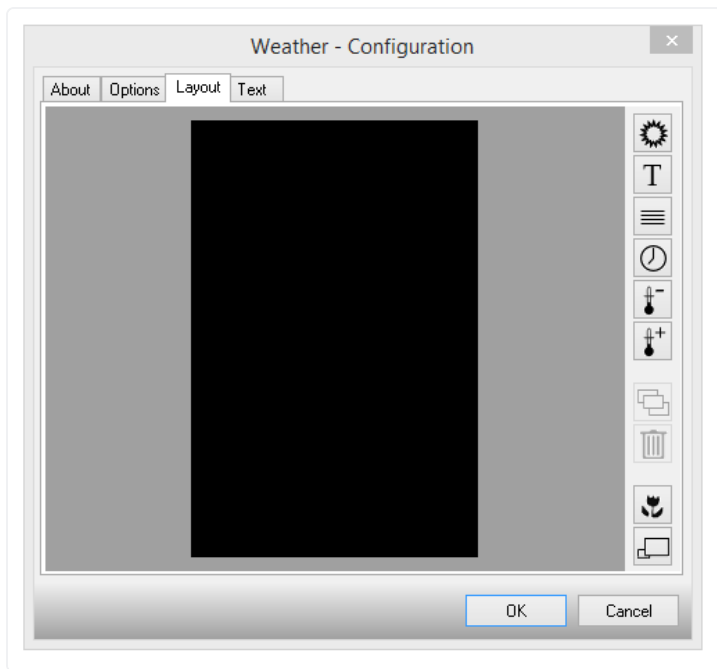
**Root Acquire variable:** where all weather data is written as per the appendix.

### Page App Configuration.



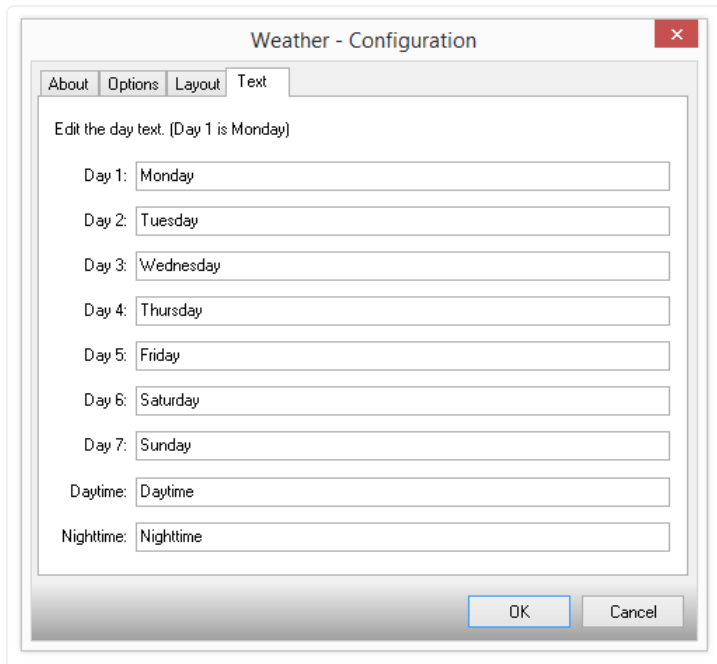
- **Choose the style of icons to use from a list of installed icon packs:** These can be downloaded from the Acquire website. The New and Edit buttons allow you to create your own icon packs. The editor shows you a grid with a description of each icon. Double click on an image description to change the image.
- **Choose the location that you wish to show weather data for:** This location will be one of the presets that you have previously setup in the project app.
- **Choose the time of day and when during the week the weather should be for:** i.e. now, or in the future.

### Layout Tab.



- Use the layouts tab to display exactly how the weather data is shown to the user.
- Hover the mouse over a control for an explanation of what it does.
- Editing of these items works very similar to that of the Acquire page designer.
- Double clicking on a box will allow you to edit an existing item.

### Text Tab.



This section allows you to type in the text used for various elements such as the day of week. This is provided so that it can be written in the correct language.

### Appendix.

#### Acquire Variables

The following variables are written into Acquire by the app.

**Tip:** Place your icons and logos in an Always Send folder in your project's media folder to ensure they all get deployed. See the Acquire manual for more details.

This is not necessary if you are using the page app which uses its own icon pack instead.

The \$\$weather part is the root that you set in the configuration.

### **General...**

\$\$weather.logo.typefile  
\$\$weather.logo.typefilepath  
\$\$weather.logo.markfile  
\$\$weather.logo.markfilepath  
\$\$[weather.location.id](#)  
\$\$weather.location.name  
\$\$weather.location.country  
\$\$weather.location.latitude  
\$\$weather.location.longitude  
\$\$weather.location.timezone  
\$\$weather.location.time  
\$\$weather.current.icon.number  
\$\$weather.current.icon.file  
\$\$weather.current.icon.filepath  
\$\$weather.current.description  
\$\$weather.current.humidity  
\$\$weather.current.wind.speed  
\$\$weather.current.wind.direction  
\$\$weather.current.uv  
\$\$weather.current.uv.index  
\$\$weather.current.dewpoint  
\$\$weather.current.apparenttemp  
\$\$weather.current.pressure  
\$\$weather.current.pressure.state  
\$\$weather.current.temperature  
\$\$weather.current.visibility  
\$\$weather.current.precipitation  
\$\$weather.current.cloudcover  
\$\$weather.current.windchill  
\$\$weather.current.observationtime  
\$\$weather.current.realfeel

### **Today & Tonight...**

\$\$weather.Today.temp.low  
\$\$weather.Today.temp.high  
\$\$weather.Today.sunrise  
\$\$weather.Today.sunset  
\$\$weather.Today.day  
\$\$weather.Today.date  
\$\$weather.Today.icon.number  
\$\$weather.Today.icon.file

\$\$weather.Today.icon.filepath  
\$\$weather.Today.description  
\$\$weather.Today.descriptionlong  
\$\$weather.Today.wind.speed  
\$\$weather.Today.wind.direction  
\$\$weather.Today.wind.gust  
\$\$weather.Today.precipitation  
\$\$weather.Today.thunderstormprobability  
\$\$weather.Today.rain  
\$\$weather.Today.snow  
\$\$weather.Today.ice  
\$\$weather.Today.realfeel.low  
\$\$weather.Today.realfeel.high  
\$\$weather.Today.maxuv  
\$\$weather.Tonight.icon.number  
\$\$weather.Tonight.icon.file  
\$\$weather.Tonight.icon.filepath  
\$\$weather.Tonight.description  
\$\$weather.Tonight.descriptionlong  
\$\$weather.Tonight.wind.speed  
\$\$weather.Tonight.wind.direction  
\$\$weather.Tonight.wind.gust  
\$\$weather.Tonight.precipitation  
\$\$weather.Tonight.thunderstormprobability  
\$\$weather.Tonight.temp.low  
\$\$weather.Tonight.temp.high  
\$\$weather.Tonight.realfeel.low  
\$\$weather.Tonight.realfeel.high  
\$\$weather.Tonight.rain  
\$\$weather.Tonight.snow  
\$\$weather.Tonight.ice  
\$\$weather.Tonight.maxuv

**Tomorrow & Tomorrow Night...** these set the same sub-variables at Today and Tonight

\$\$weather.Tomorrow.as today  
\$\$weather.TomorrowNight.as tonight

**Forecast...** day0 (today) to day4 are set, only day0 is shown here

\$\$weather.day0.temp.low  
\$\$weather.day0.temp.high  
\$\$weather.day0.sunrise  
\$\$weather.day0.sunset  
\$\$[weather.day0.day](#)  
\$\$[weather.day0.date](#)

\$\$weather.day0.day.icon.number

\$\$weather.day0.day.icon.file  
\$\$weather.day0.day.icon.filepath  
\$\$weather.day0.day.description  
\$\$weather.day0.day.descriptionlong  
\$\$weather.day0.day.wind.speed  
\$\$weather.day0.day.wind.direction  
\$\$weather.day0.day.wind.gust  
\$\$weather.day0.day.precipitation  
\$\$weather.day0.day.maxuv  
\$\$weather.day0.day.rain  
\$\$weather.day0.day.snow  
\$\$weather.day0.day.ice  
\$\$weather.day0.day.temp.low  
\$\$weather.day0.day.temp.high  
\$\$weather.day0.day.realfeel.low  
\$\$weather.day0.day.realfeel.high  
\$\$weather.day0.day.thunderstormprobability

\$\$weather.day0.night.icon.number  
\$\$weather.day0.night.icon.file  
\$\$weather.day0.night.icon.filepath  
\$\$weather.day0.night.description  
\$\$weather.day0.night.descriptionlong  
\$\$weather.day0.night.wind.speed  
\$\$weather.day0.night.wind.direction  
\$\$weather.day0.night.wind.gust  
\$\$weather.day0.night.precipitation  
\$\$weather.day0.night.maxuv  
\$\$weather.day0.night.rain  
\$\$weather.day0.night.snow  
\$\$weather.day0.night.ice  
\$\$weather.day0.night.temp.low  
\$\$weather.day0.night.temp.high  
\$\$weather.day0.night.realfeel.low  
\$\$weather.day0.night.realfeel.high