Volt Iris Component com.hcl.voltmx.ta.quickTemperature

This Volt Iris component with contract com.hcl.voltmx.ta.quickTemperature when inserted into your app and clicked on will read your GPS location, get your current temperature from the Open Meteo API, <https://api.open-meteo.com>, show the temperature, and read the temperature out loud. The component exposes the speech-rate setting and the GPS refresh rate in minutes. This component uses another Marketplace component “com.voltmxmp.texttospeech” to voice the temperature.

Getting Started with the Quick Temperature Component

1. Import com.hcl.voltmx.ta.quickTemperature into your Volt Iris template component, so that it is available in Iris.
2. Insert com.hcl.voltmx.ta.quickTemperature from the Iris template component into your Iris form or a flex container. For example, the component is inserted as “quickTemperature”; the widget path is “this.view.quickTemperature”.
3. You will have to set the component General exposed properties. 1) Speech Rate, for mobile a value of 0.5 is valid, where for web a value of 0.9 is more appropriate. 2) The GPS Refresh rate in minutes; the default value is 60 minutes before refreshing the GPS location from the user device. Try to not set this refresh rate too low because it may cause a drain in battery.
4. The component also exposes a single method “**getCurrentLocation**“ to fetch the GPS latitude and longitude from the user device before it can get the current temperature. You will need to add a “postShow” event to your Iris form so that you can initialize the component with the user’s location. Add a low-code action-script snippet to call this one Javascript line: this.view.quickTemperature.getCurrentLocation();
5. At runtime, your Quick Temperature component will show a black border to indicate it does not have a GPS location. Once your app has triggered the “postShow” event and the user current location is retrieved successfully, the component will then show a green border to indicate a location is known. The component is then ready to be clicked to fetch, show, and read the current temperature.

I have provided a 5 digit code to preview a mobile app using this com.hcl.voltmx.ta.quickTemperature component. The preview 5 digit code is **MIUFZ**. The preview mobile app shows the Quick Temperature component in the top left side of the form. The component border should initially be black in color, then it will change to green once a GPS location is read. When the border is green you can click on the component to cause it to display and read your location current temperature. Do note, there is a slight delay after showing the temperature before it is voiced out.