

Getting Connected:

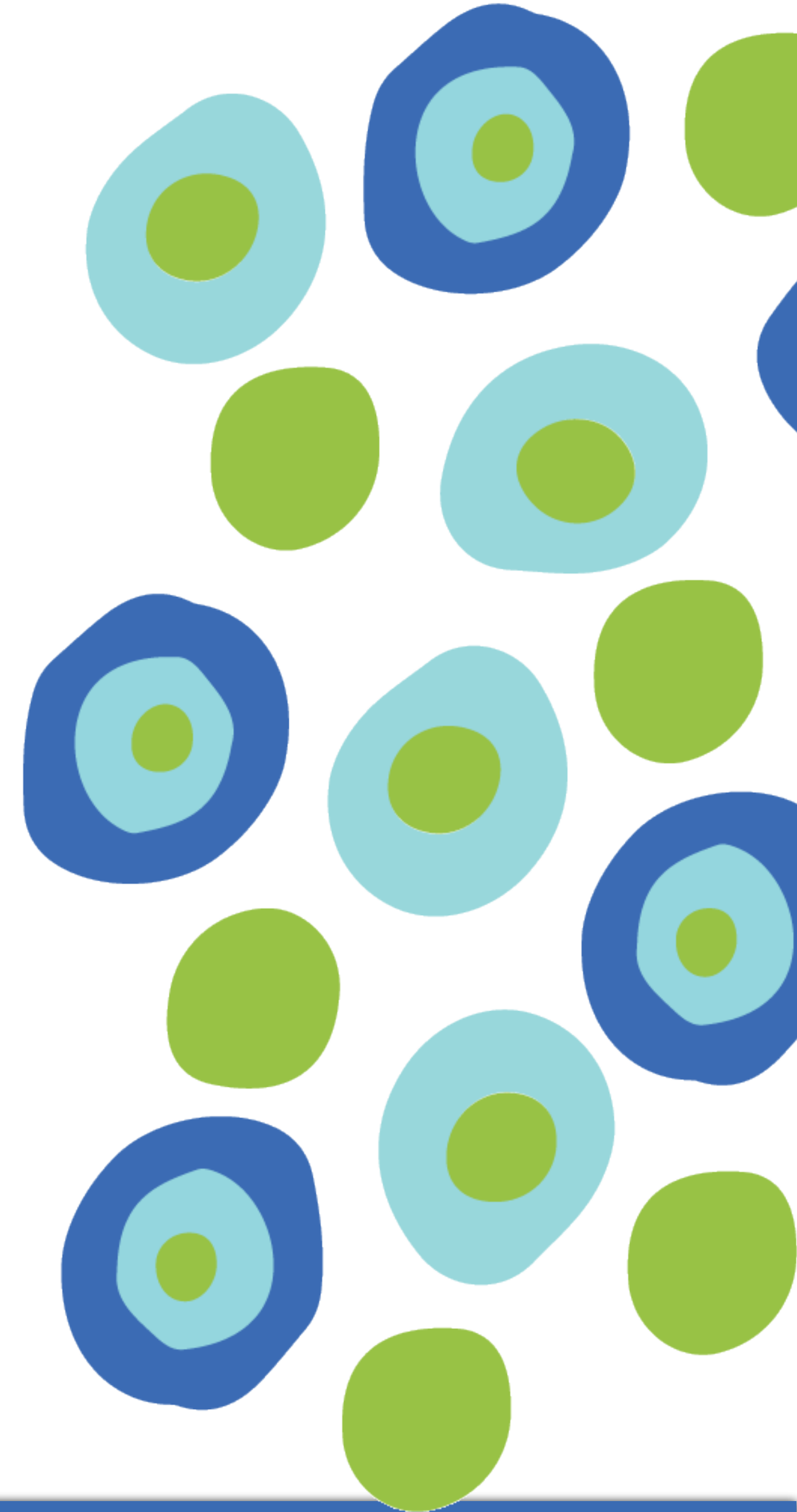
API Adventures in Claris FileMaker

Where API's and Awkward Beginners Collide!

April 16, 1:15pm – 2:15pm

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The Scarpetta Group





Download Demo File Here

[https://github.com/jjscarpetta/
BGL_API.git](https://github.com/jjscarpetta/BGL_API.git)

"One of the best programming skills you can have is knowing when to walk away for a while."

Oscar Godson

Software Developer and Entrepreneur



Overview

What are we doing today?

1. Discuss what an API is.
2. Demo file setup.
3. Custom functions used.
4. Housekeeping items.
5. API's we are using.
6. Review the documentation.
7. Hands on training.



```
24 # Setup url.  
25 Set Variable [ $url ; Value: $baseUrl & $endpoint ]  
26 # Perform api call.  
27 Insert from URL [ Select ; With dialog: Off ; Target: $response ; Url: $url ;  
28
```

What is an API?

API stands for Application Programming Interface.

It is a set of instructions that allow two programs to communicate with each other.



API's Used

Overview of the calls we will perform.

QR Code

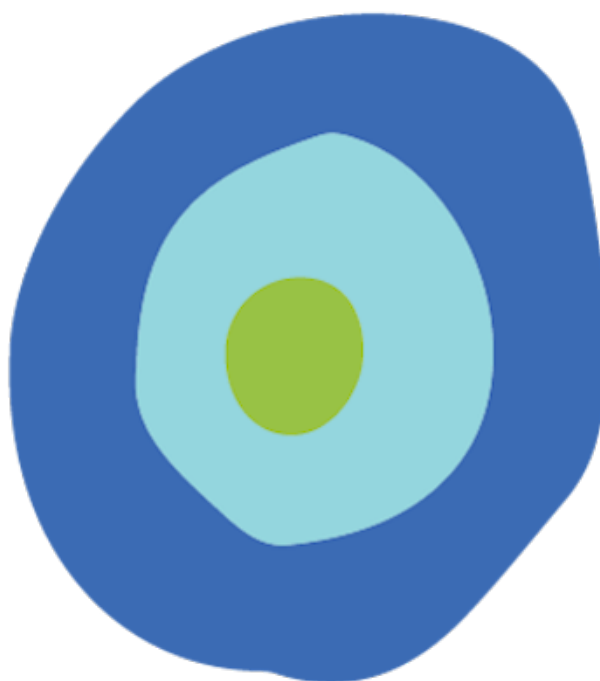
Generate QR codes with data passed in that includes a number of parameters.

Weather

Integrate with global weather that allows setting parameters to receive current, future or historical weather.

SendGrid

Send transactional and marketing (batch) emails with a 99% delivery rate. The focus here will be pulling down created transactional templates.





Demo Time

Review

Lets take a look at what we did.

QR Code

- Looked at documentation.
- Setup script steps to perform call.
- Processed to generate a QR code.

Weather

- Looked at documentation and parameters.
- Setup script steps to perform call.
- Reviewed subscripts for parsing.

SendGrid

- Looked at documentation and all available calls.
- Setup script steps in both primary and subscript to perform call.
- Reviewed the scripts and subscripts for parsing and setup.



Links

QR Code - <https://goqr.me/api/>

Weather - <https://www.visualcrossing.com/>

SendGrid - <https://sendgrid.com/en-us>



"Every great developer you know got there by solving problems they were unqualified to solve until they actually did it."

Patrick McKenzie

Software Engineer



Thank you.