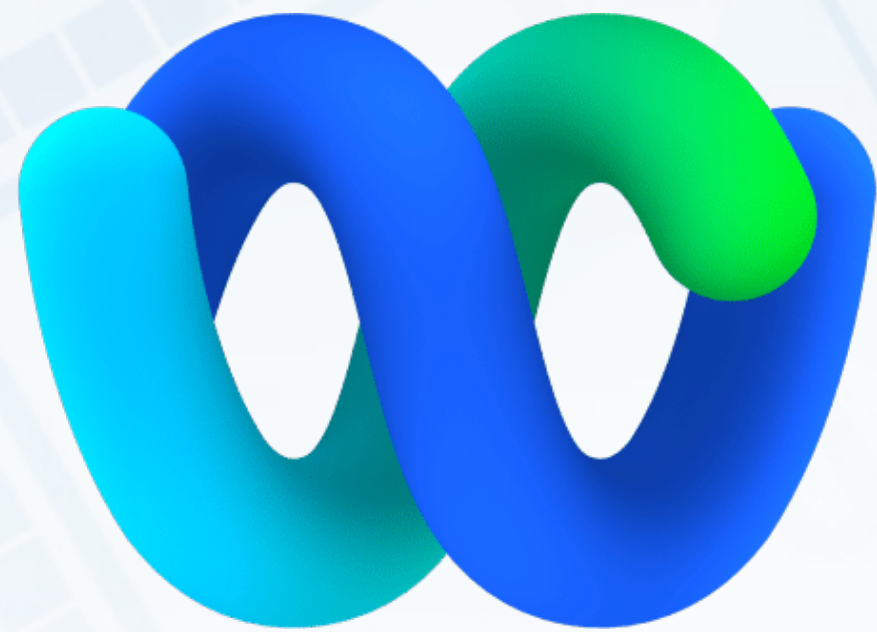# **Doing Cool Things with the Cisco Webex API**

Part 1 - Getting Started

About Me

Josh Kittle

Solutions Architect for Collaboration

20+ years of experience supporting Cisco Collaboration technologies

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Who is this for?

- Anybody supporting a Webex environment

- Desire to use the API to 'Do Cool Things'

- No programming experience required!

What will we cover?

- API Basics - What is an API anyway?

- What can I do with the Webex API?

What is an API?

- Application Programming Interface

- Allows to applications to talk to each other

- Based on the REST architecture

Web Browser ⬌ Internet ⬌ API ⬌ Webserver ⬌ Database

REST - REpresentational State Transfer

- Characteristics of a RESTful API

  - Client/Server Architecture managed through HTTP

  - Stateless - No information is stored between requests

  - Cacheable

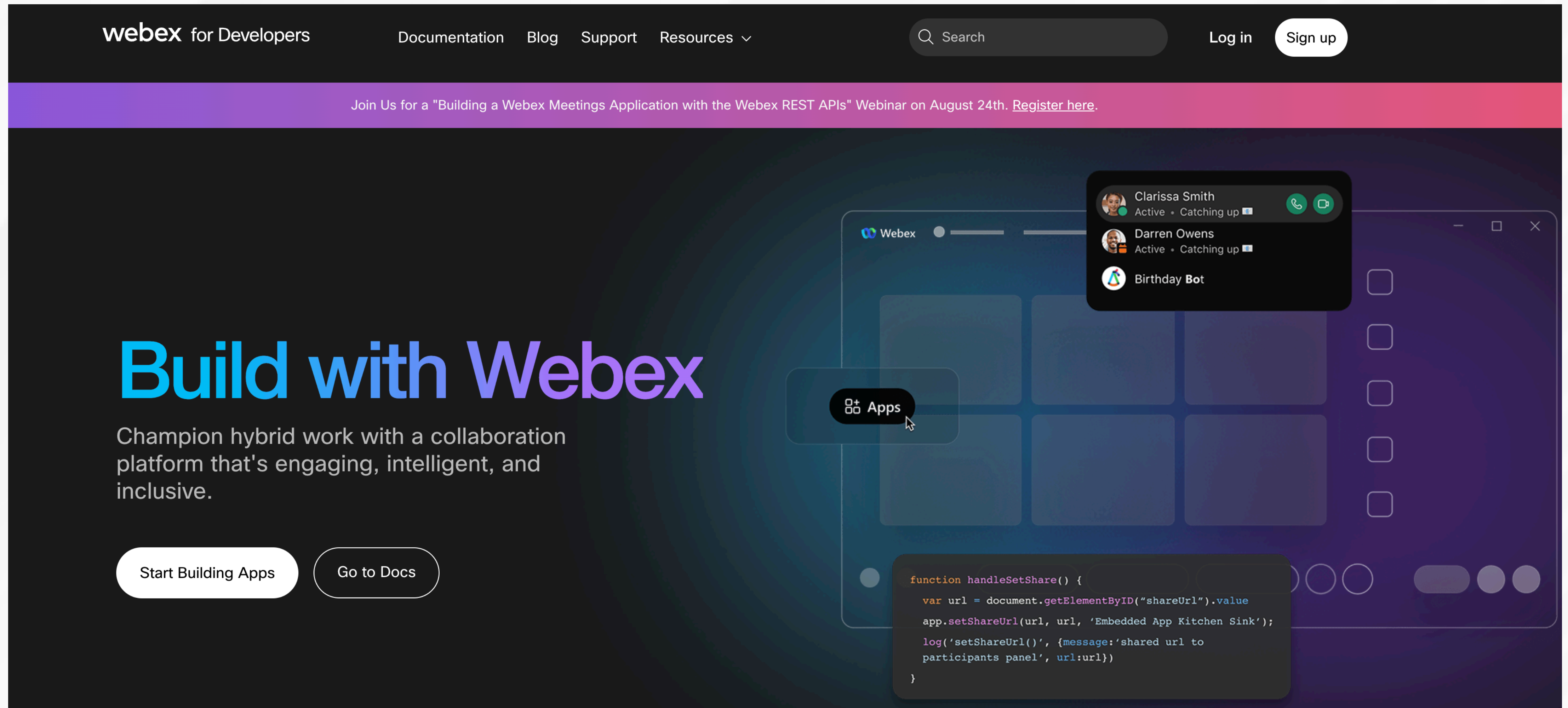 - Uniform interface between components

- Perfect for IoT and mobile applications

What can I do with the Webex API?

- Create a Webex space and invite people

- Search for people in your company

- Post messages in a Webex space

- Get a Webex space history - or be notified when somebody posts new messages to a space

- Execute a command on a Webex RoomOS device

- And much more!!!

https://developer.webex.com

The authoritative resource for everything about the Webex API

API Reference - "What can I do, and how?"

Commonly Used HTTP Methods

GET — Read Existing Data

POST — Create (Configure) Data
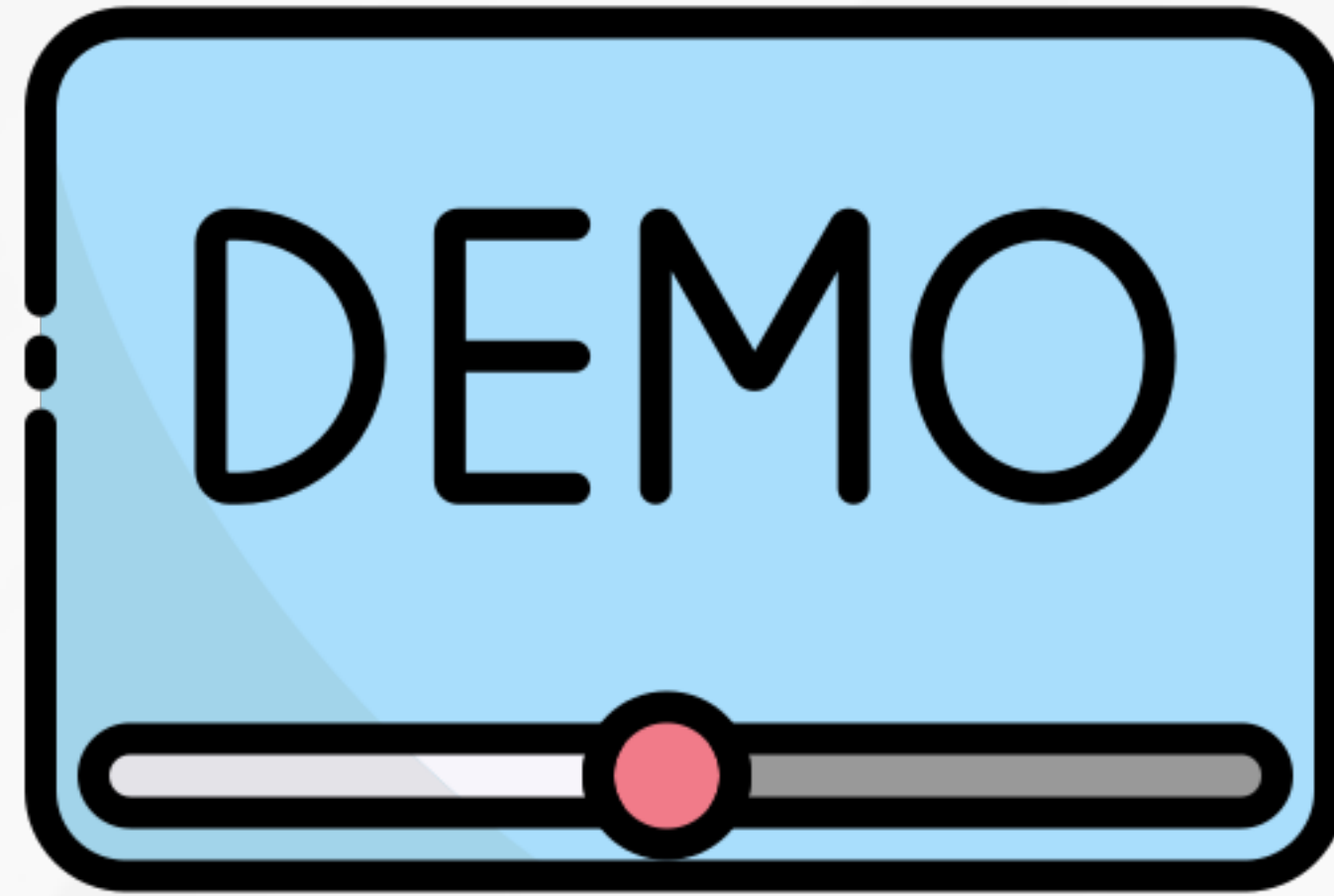
PATCH — Update Data

DELETE — Remove Data

Use any tool you want to work with the API

How do I get started?

- Sign up for an account at <u>developer.webex.com</u> and login

- Create an integration

- Fetch an OAuth token through a grant process (more in a future presentation)

- Make API calls using your token

Now for some real-world examples!