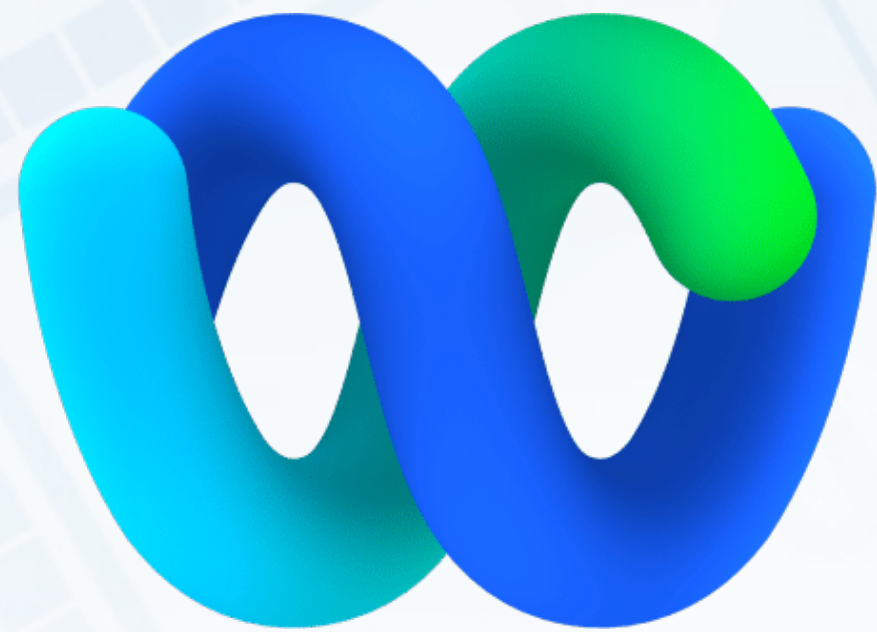


Doing Cool Things with the Cisco Webex API

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



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

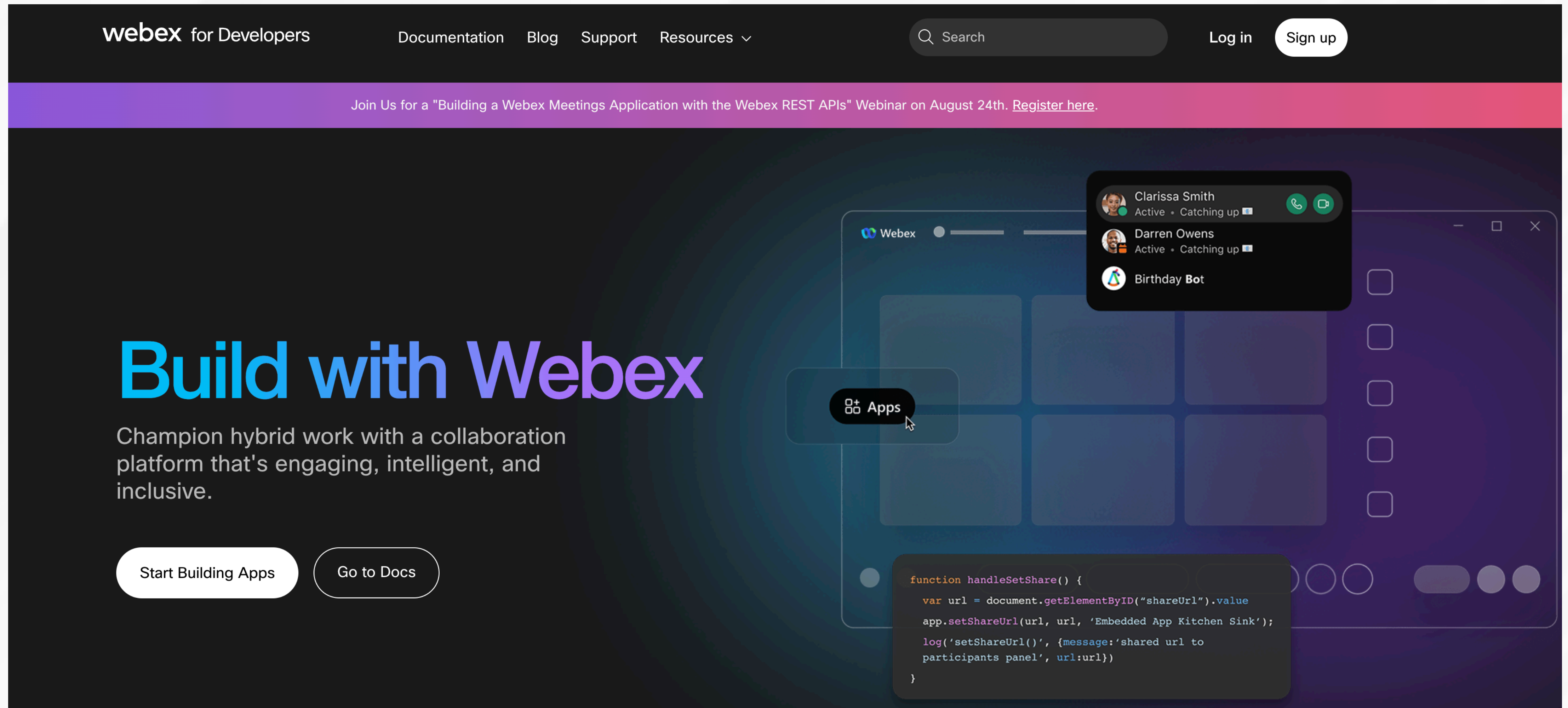


What can I do with the Webex API?

- 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?”

webex for Developers

DocumentationBlogSupportResources

Search

BroadWorks Billing Reports

BroadWorks Device Provisioning

BroadWorks Enterprises

BroadWorks Subscribers

Call Controls

Locations

People

Recording Report

Webex Calling Organization Settings

GET Read the List of Auto Attendants

GET Get Details for an Auto Attendant

POST Create an Auto Attendant

PUT Update an Auto Attendant

DELETE Delete an Auto Attendant

GET Get Call Forwarding Settings for an Auto Attendant

Update Call Forwarding

Webex Calling Organization Settings

Not supported for Webex for Government (FedRAMP)

Webex Calling Organization Settings support reading and writing of Webex Calling settings for a specific organization.

Viewing these read-only organization settings requires a full or read-only administrator auth token with a scope of spark-admin:telephony_config_read , as the current set of APIs is designed to provide supplemental information for administrators utilizing People Webex Calling APIs.

Modifying these organization settings requires a full administrator auth token with a scope of spark-admin:telephony_config_write .

A partner administrator can retrieve or change settings in a customer's organization using the optional OrgId query parameter.

Method	Description
GET https://webexapis.com/v1/telephony/config/autoAttendants	Read the List of Auto Attendants
GET https://webexapis.com/v1/telephony/config/locations/{locationId}/autoAttendants/{autoAttendantId}	Get Details for an Auto Attendant
POST https://webexapis.com/v1/telephony/config/locations/{locationId}/autoAttendants	Create an Auto Attendant
PUT https://webexapis.com/v1/telephony/config/locations/{locationId}/autoAttendants/{autoAttendantId}	Update an Auto Attendant
DELETE https://webexapis.com/v1/telephony/config/locations/{locationId}/autoAttendants/{autoAttendantId}	Delete an Auto Attendant

Commonly Used HTTP Methods

GET

Read Existing Data

POST

Create (Configure) Data

PATCH

Update Data

DELETE

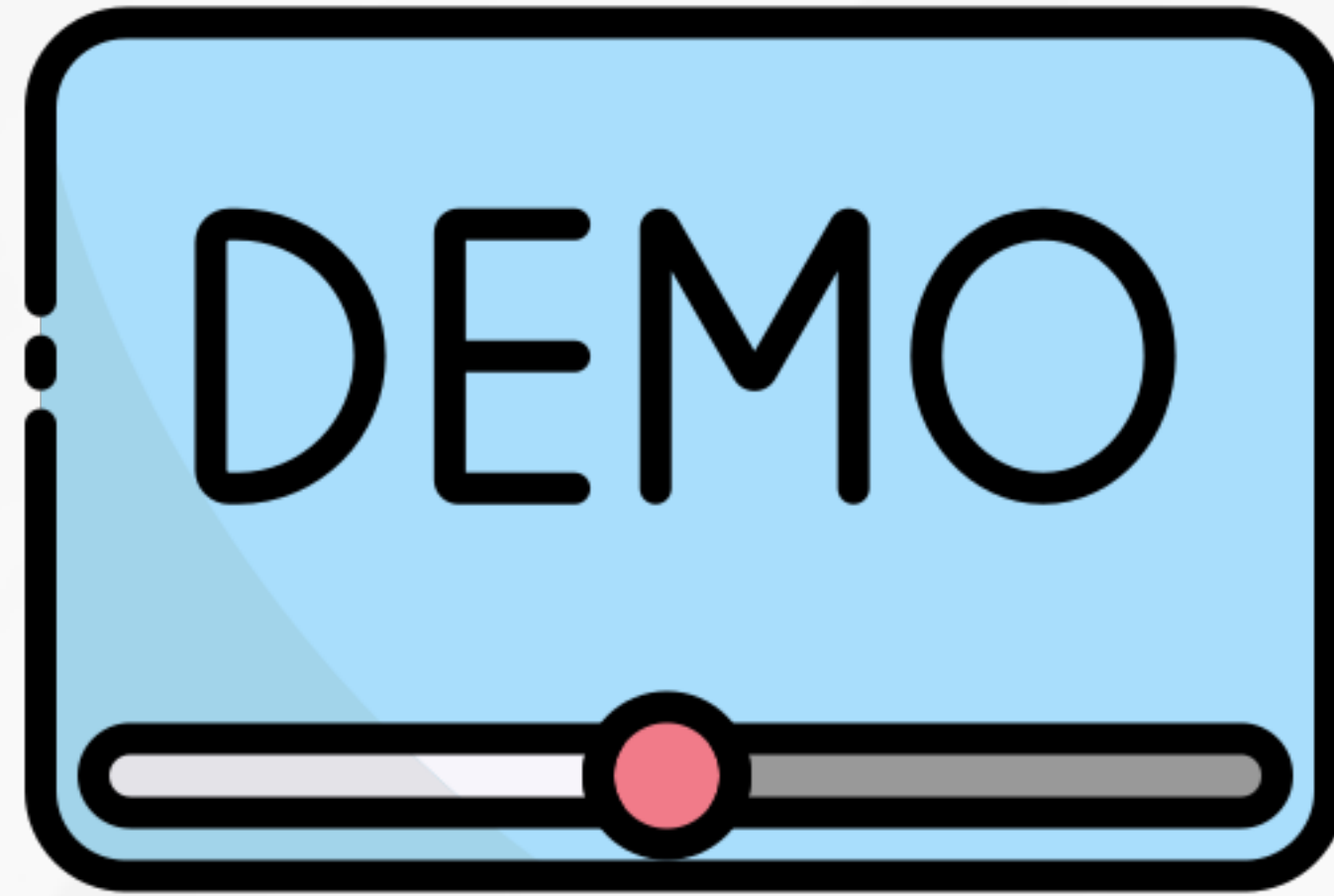
Remove Data

Use any tool you want to work with the API



How do I get started?

- Sign up for an account at developer.webex.com 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!