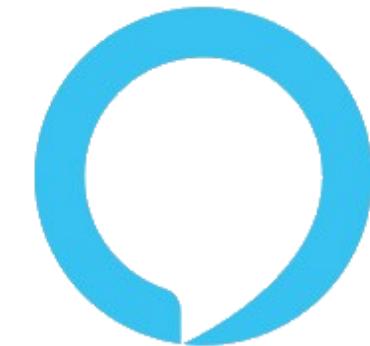
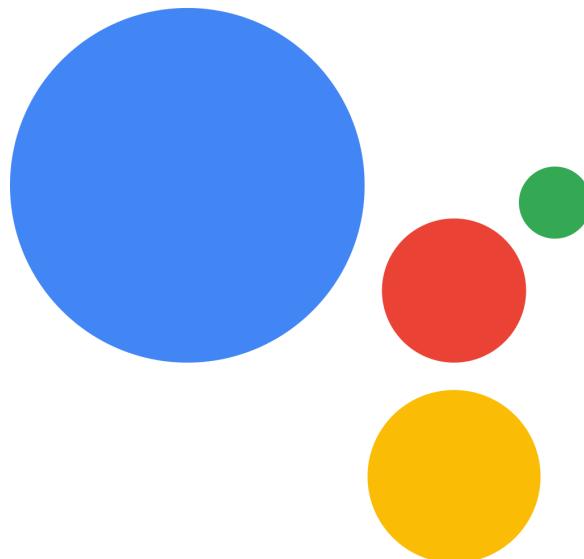


GOOGLE + ALEXA

CROSS-ASSISTANT APPS

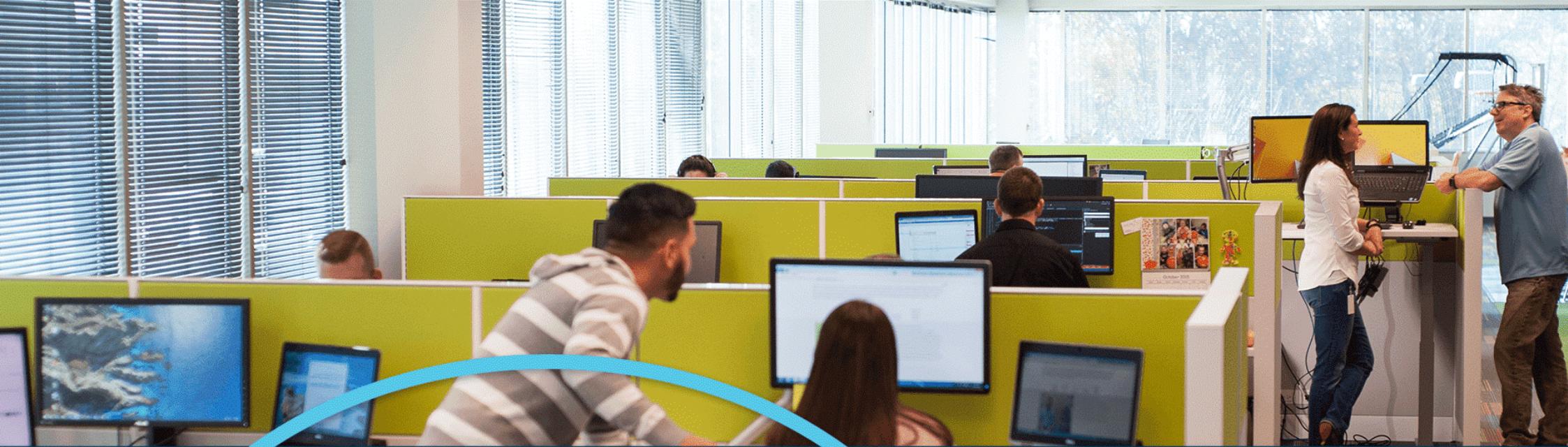


Michael Fazio - [@faziodev](https://twitter.com/faziodev)



Central Wisconsin **CONFERENCE**





SKYLINE

- ▶ Platinum sponsor of NEW Code Camp

"HEY GOOGLE, HOW DO I CREATE ACTIONS FOR THE HOME?"



- ▶ About four months after the SDK was released
- ▶ api.ai
- ▶ Only worked with the Home, not the Assistant
- ▶ Missing features
 - ▶ Single user only
 - ▶ No grouping of devices
 - ▶ No way to find Actions







Google Assistant



amazon alexa

- ▶ Brains behind smart devices
 - ▶ The *actual* smart assistants
- ▶ Yes, Siri and Cortana count here too





- Go to the website

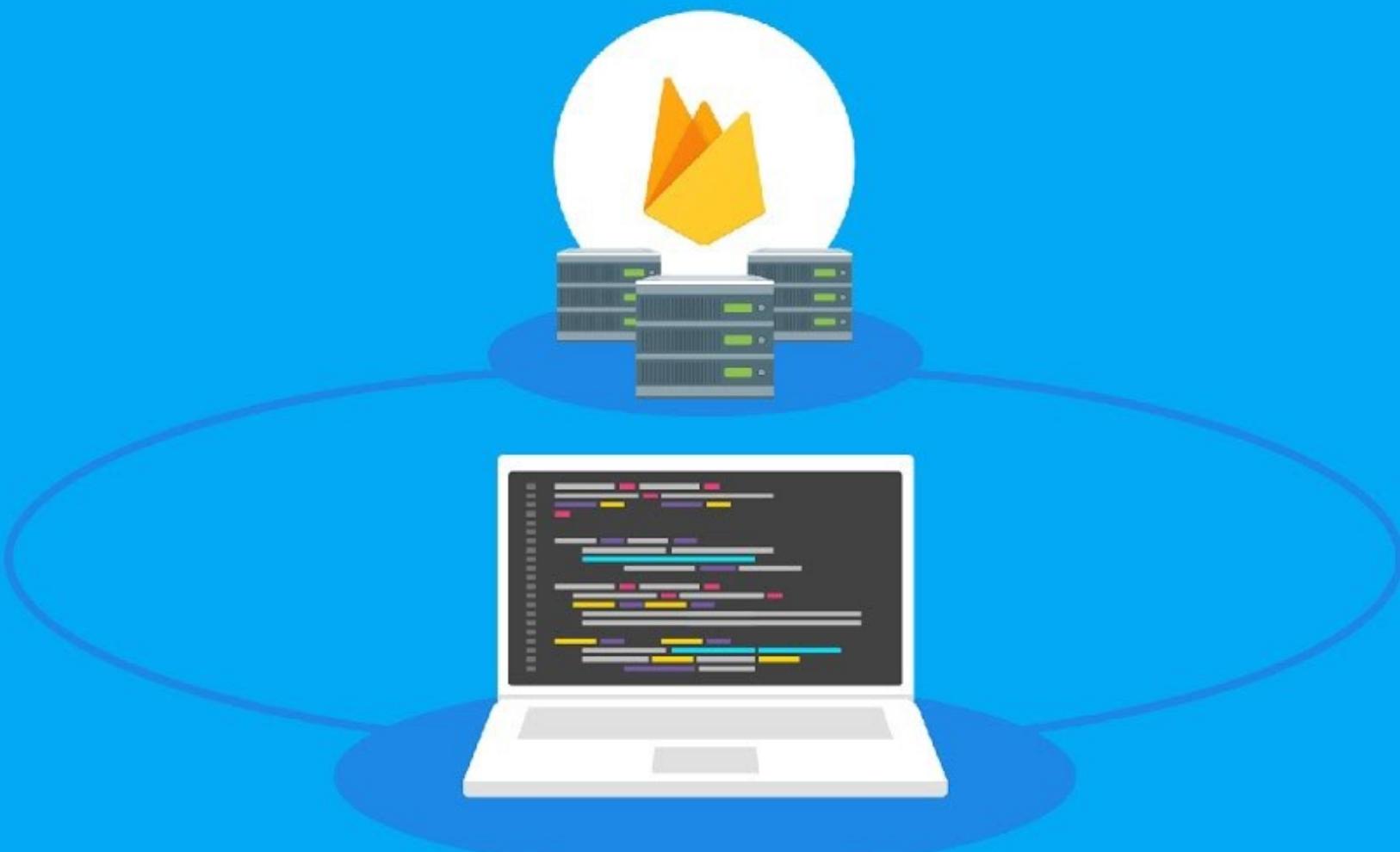
- ▶ Alexa
 - ▶ Better microphone
 - ▶ Better wake word (and more wake words)
 - ▶ More skills
 - ▶ More users
 - ▶ More devices in the main family
 - ▶ Control Fire TV
- ▶ Google Home
 - ▶ Better searching, answering
 - ▶ Cast to Chromecast
 - ▶ Set default speakers and TV
 - ▶ Google ecosystem and Google Play Music integrations
 - ▶ GH Max sounds better than any other device



Express.js







Cloud Functions

for Firebase





Firebase
Cloud Functions

express & node.js™



Firebase
Cloud Functions

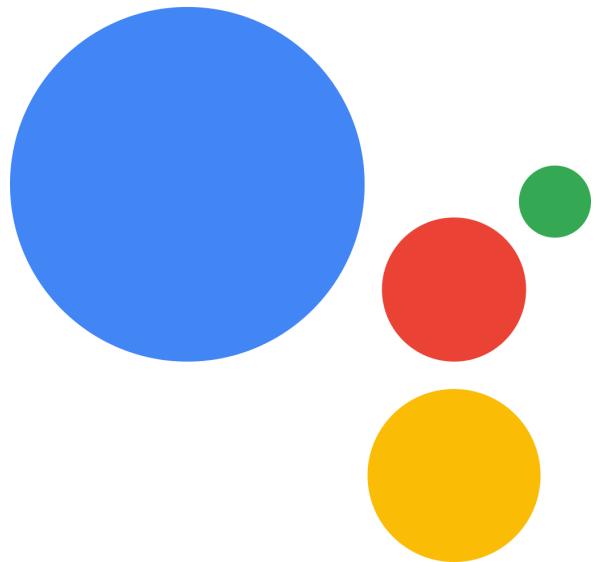
GOOGLE

- ▶ Actions/Agent
- ▶ Action Name
- ▶ Intent
- ▶ Entities
- ▶ Training Phrases
- ▶ Parameters
- ▶ Responses
- ▶ Fulfillment
- ▶ Argument

ALEXA

- ▶ Custom Skill
- ▶ Invocation Name
- ▶ Intent
- ▶ Intent Slot (types)
- ▶ Sample Utterances
- ▶ Intent Slots
- ▶ N/A (webhook only)
- ▶ Endpoint
- ▶ Slot ID

THANK YOU!



@faziodev

<https://github.com/MFazio23>