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The bridge to possible

Full Stack Developer Experience

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DEVNET-2114

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@EricDThiel

Cisco Webex App

Questions?

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How

- 1 Find this session in the Cisco Live Mobile App
- 2 Click “Join the Discussion”
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- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until June 17, 2022.



<https://ciscolive.ciscoevents.com/ciscolivebot/#DEVNET-2114>



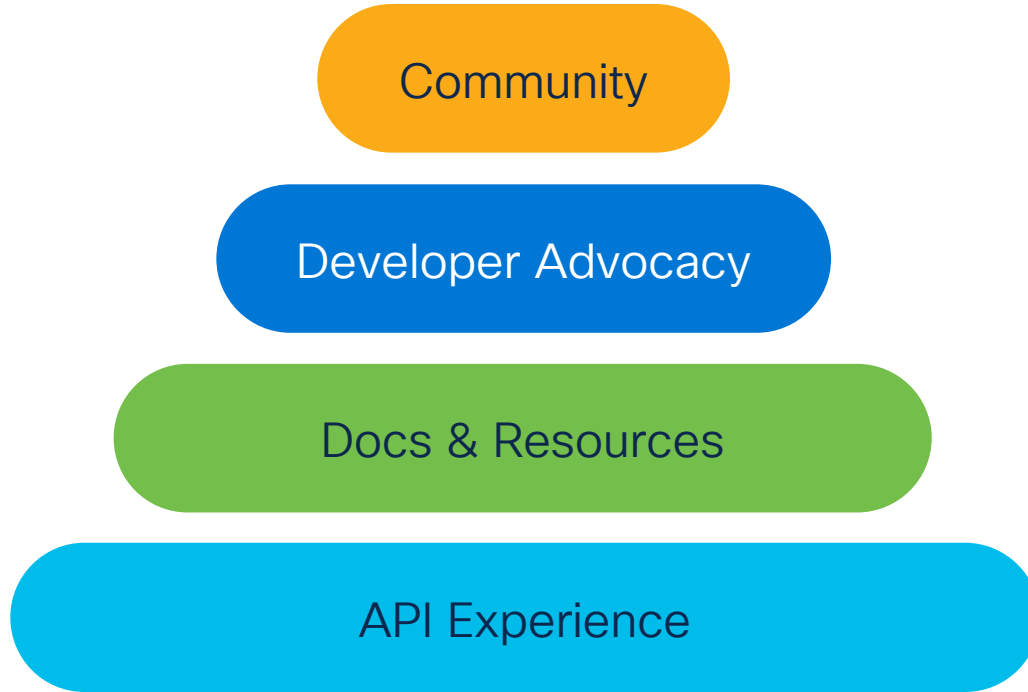
Agenda

- What is Developer Experience
 - API Experience
 - Docs & Resources
 - Developer Advocacy
 - Community Engagement
- Resources to drive your success
- Conclusion

What is Developer Experience?



Developer Experience Focus



API Experience





Building trustworthy APIs and ensuring Developer Success

Core API Experience Principles

1

API as a Product

Digital product, with a structured development lifecycle and release process

2

API Documentation

Up-to-date reference documentation, getting started guides

3

Developer Resources

DevCenter, Tutorials, Freely accessible testing environment

4

Developer Support

Community-based and 24/7 SLA full support policy

5

Design

Simple and consistent APIs

6

Versioning

Backward compatibility, API Changelog, deprecation and end of life

Docs & Resources

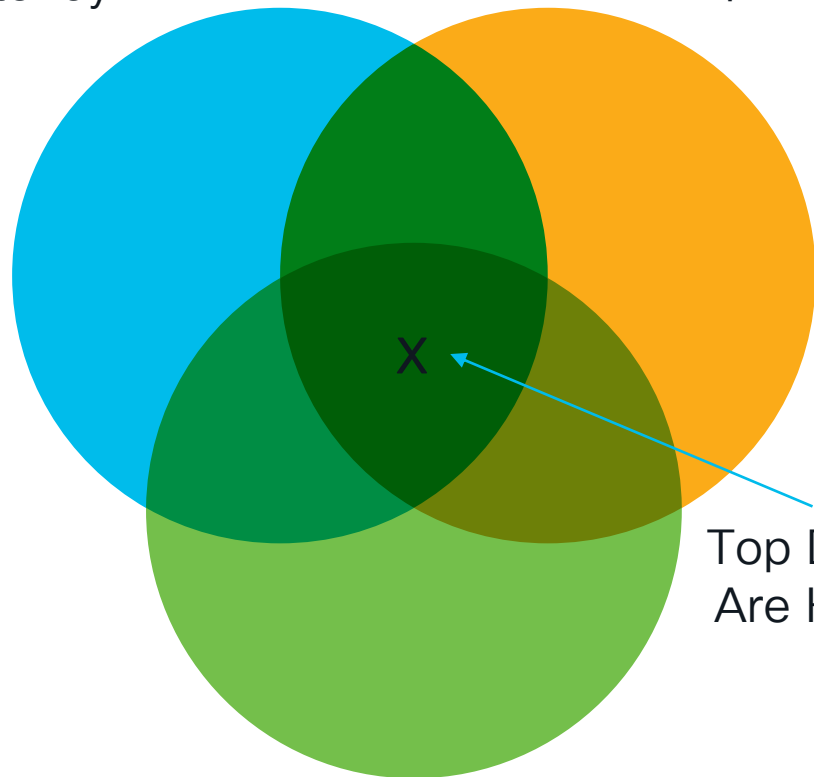


API Docs

Docs-as-Code
=
Pull Requests
+
GitHub Issues
+
CI/CD Pipelines

Consistency

Completeness



Top Docs
Are Here

Usability

Developer Advocacy



Evangelism

- Build great content for developers
 - Blogs, how-to guides, tutorial videos, sample code, hands on workshops, events
- Train ambassadors on the APIs of their respective technologies to help spread the word

Advocacy

- Developer-Zero for products
- Listen to the feedback
 - Comments at events or webcasts
 - Solicit feedback from key developers building on the platform
- Synthesize feedback for engineering to prioritize

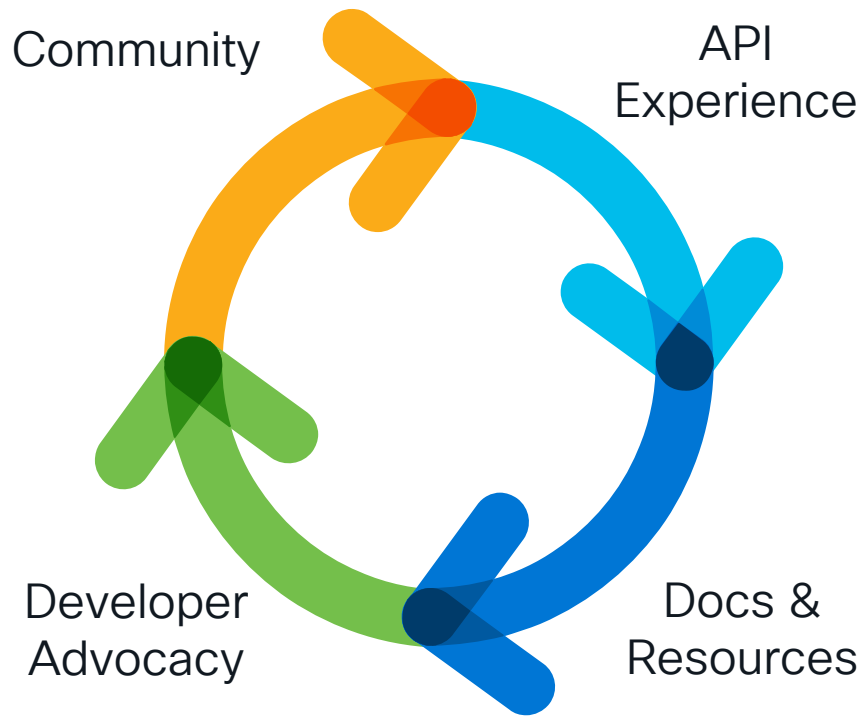
Community



Community Champions

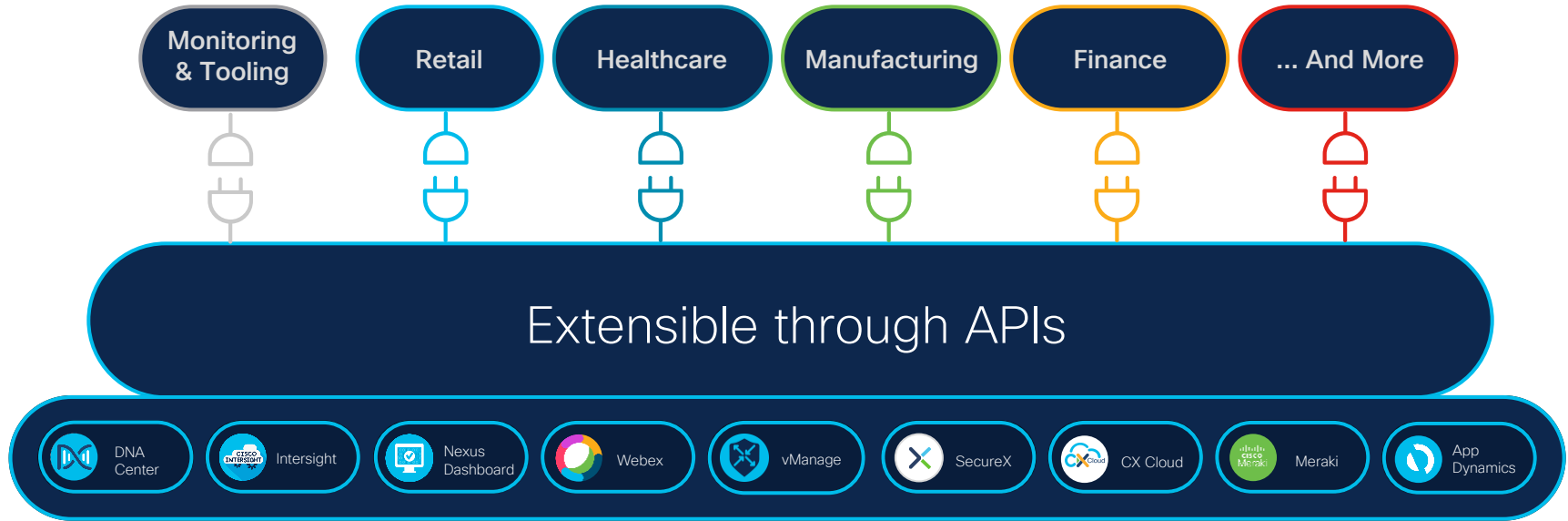


Developer Experience Virtuous Cycle



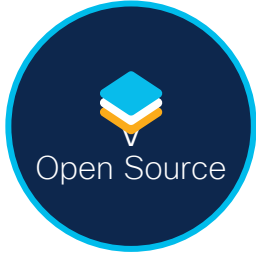
Resources to drive
your success

Powering innovation



Cisco Platforms

Connecting developers with Cisco technologies



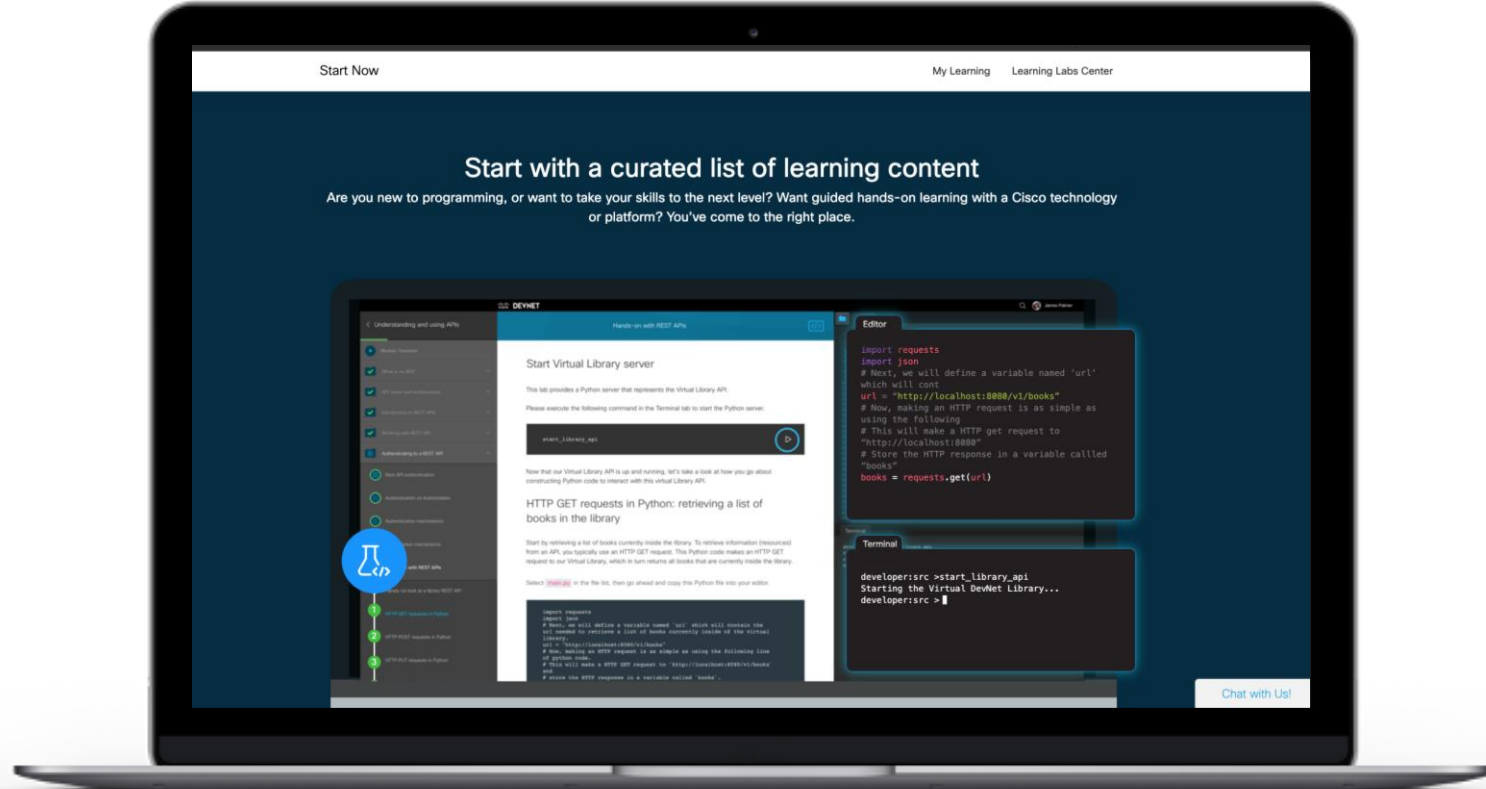
Largest collection of
Cisco API Documentation

Sample code

Learning Labs

Hands-on sandboxes

“Start Now” at developer.cisco.com



WHERE APPLICATIONS MEET PROGRAMMABLE NETWORKS

WHY INFRASTRUCTURE DEVS CARE ABOUT NETWORK APIs



Automation



Observability &
Insights



Security



Consistency &
Repeatability

Modern Applications

Network APIs & NetDevOps

Programmable Network

WHY APPLICATION DEVS CARE ABOUT NETWORK APIs

Cloud & Multicloud



Digitized
Infrastructure



Application
Performance



Security



5 Reasons to use APIs

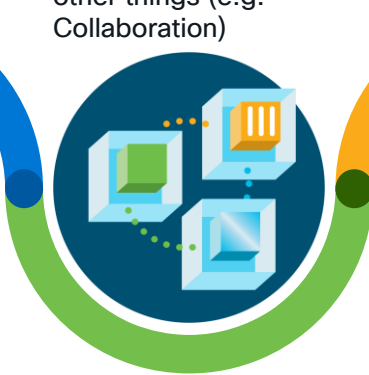
Simplification

Make networks easier to support



Integration

Allowing capabilities such as QoS to be accessed by other things (e.g. Collaboration)



Transformation

Transform the customer's business



Automation

Customers need to drive efficiency and consistency



Innovation

Extend our solutions in ways we hadn't thought of or haven't had time to.



Every industry is
being disrupted.

IT holds the keys
to success.

Modernize your
infrastructure and
your culture



What next?

- Send us your API feedback
- Visit us in “Hello World”
- Check out INTDEV-1250



Technical Session Surveys

- Attendees who fill out a minimum of four session surveys and the overall event survey will get Cisco Live branded socks!
- Attendees will also earn 100 points in the Cisco Live Game for every survey completed.
- These points help you get on the leaderboard and increase your chances of winning daily and grand prizes.



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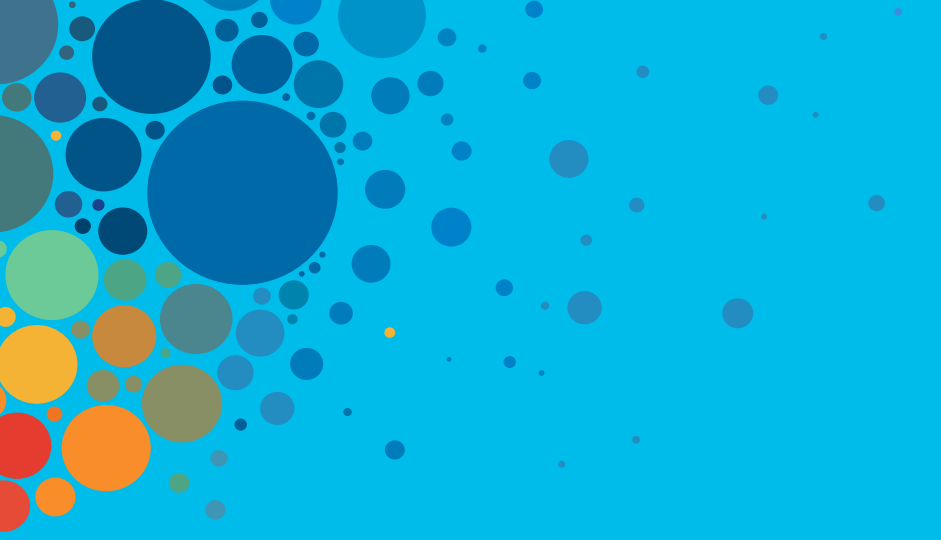
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The bridge to possible

Thank you

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