



Welcome to the CIO Hour!

August 2022

Who Let the Devs Out?

Today's Panel



JOSH CARLSON

Founder & Chief Innovator, PerByte
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Josh Carlson founded PerByte in 2011. Bringing over 20 years of experience in leading software projects and consulting teams Josh loves to design creative and beautiful solutions to the problems that associations face. His current work passion is designing solutions that can withstand the test of time and the change that comes with the evolving association industry. Outside of work Josh enjoys hanging out with his family and staying fit.



ANDREW WARTH

Senior Software Engineer, 501Works
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Andrew Warth has worked in computer programming for over 20 years, including fourteen years at 501Works (and its predecessor, ClassFive) as a “full-stack” software engineer focused primarily on website content-management, document generation, reporting/analytics, server/database administration, and UI/UX design. While much of that time has involved building new systems “from scratch,” it has increasingly also included integration with third-party systems and SaaS applications.



JAMES C. MARQUIS

Chief Information Officer, 501Works
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James C. Marquis is a seasoned senior executive with more than 30 years of experience working in technology with a wide variety of associations and nonprofits. James’ work experience includes serving as CIO for a large medical association, CEO of a technology consulting organization and senior roles in product development and business consulting with for-profit and nonprofit clients. He also has designed and built multiple Internet-based business applications including Mojo Middleware™.

The CIO Hour: Who Let the Devs Out?

- Monthly Webinar
- Tackling the problems and questions that are on your mind with real-world technology advice
- Featuring experts in their field with decades of real-world experience
- Usually the first Thursday of every month



Visit www.theCIOHour.com for upcoming topics and events.

Ground rules...

- No question is off limits!
- If the question is too specific to a particular situation, we may defer it but are happy to talk to you offline or after the event.
- This is a safe space, but we understand if you wish to remain anonymous.
- Each session is worth 1 CAE credit – details to claim emailed tomorrow 

Agenda

- In the News – A few highlights that might interest you
- Fast 5 – Introduction to the topic of the month
- Q & A – 40 min – Discussion with our experts and taking your questions

In the News...

1. Apple Music has betrayed its most loyal listeners

<https://www.macworld.com/article/707588/apple-music-ads-stations-interviews-playlists.html>

2. Cloud Giants Can't Keep Making Rain

<https://www.wsj.com/articles/cloud-giants-cant-keep-making-rain-11659412237>

3. 'A mountain that just keeps growing.' What to know about the e-waste left behind by your gadgets

<https://www.cnn.com/2022/07/31/tech/electronic-waste-explainer/index.html>

4. Microsoft Edge is finally on the up following Internet Explorer retirement

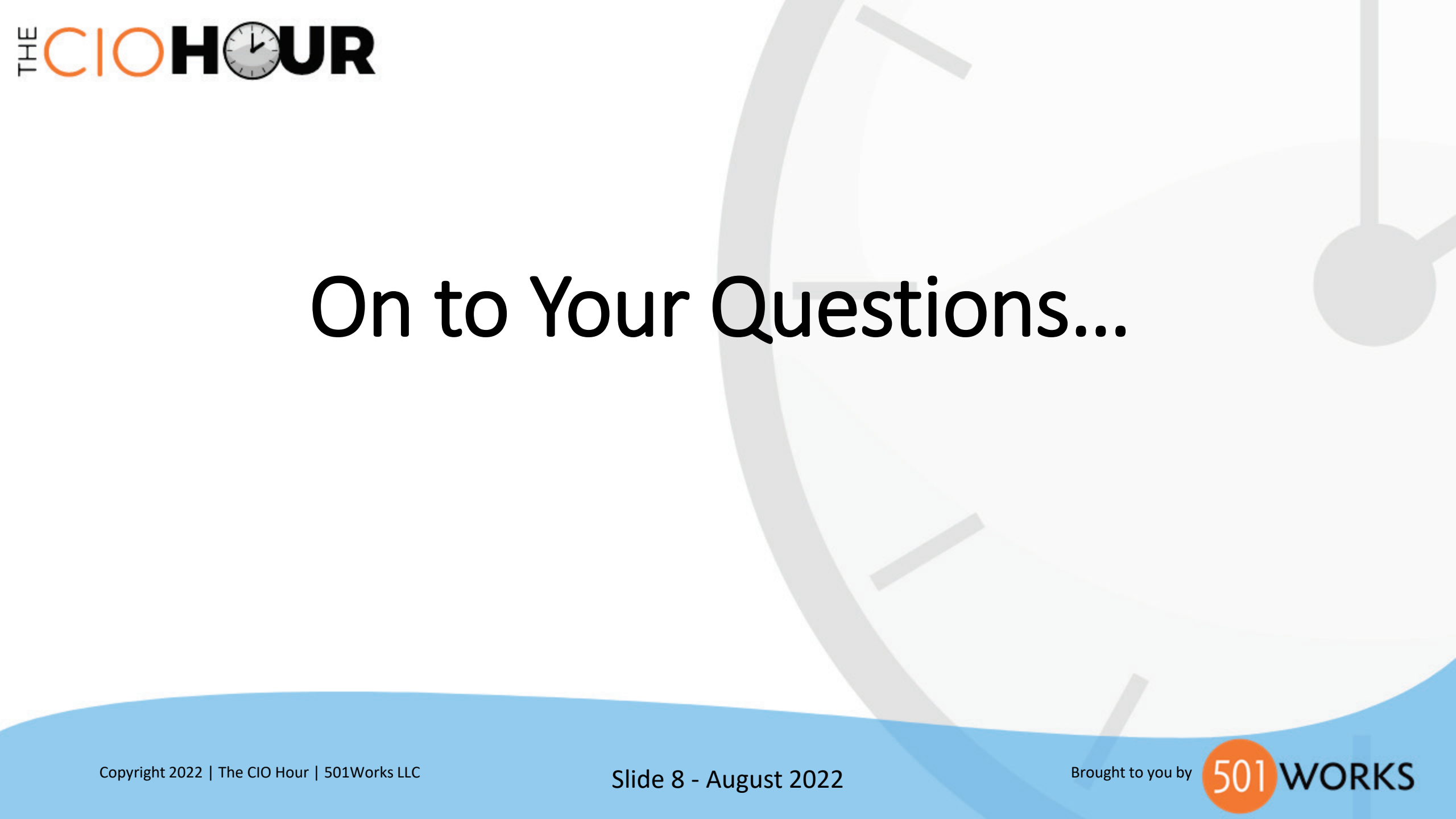
<https://www.techradar.com/news/microsoft-edge-is-finally-on-the-up-following-internet-explorer-retirement>



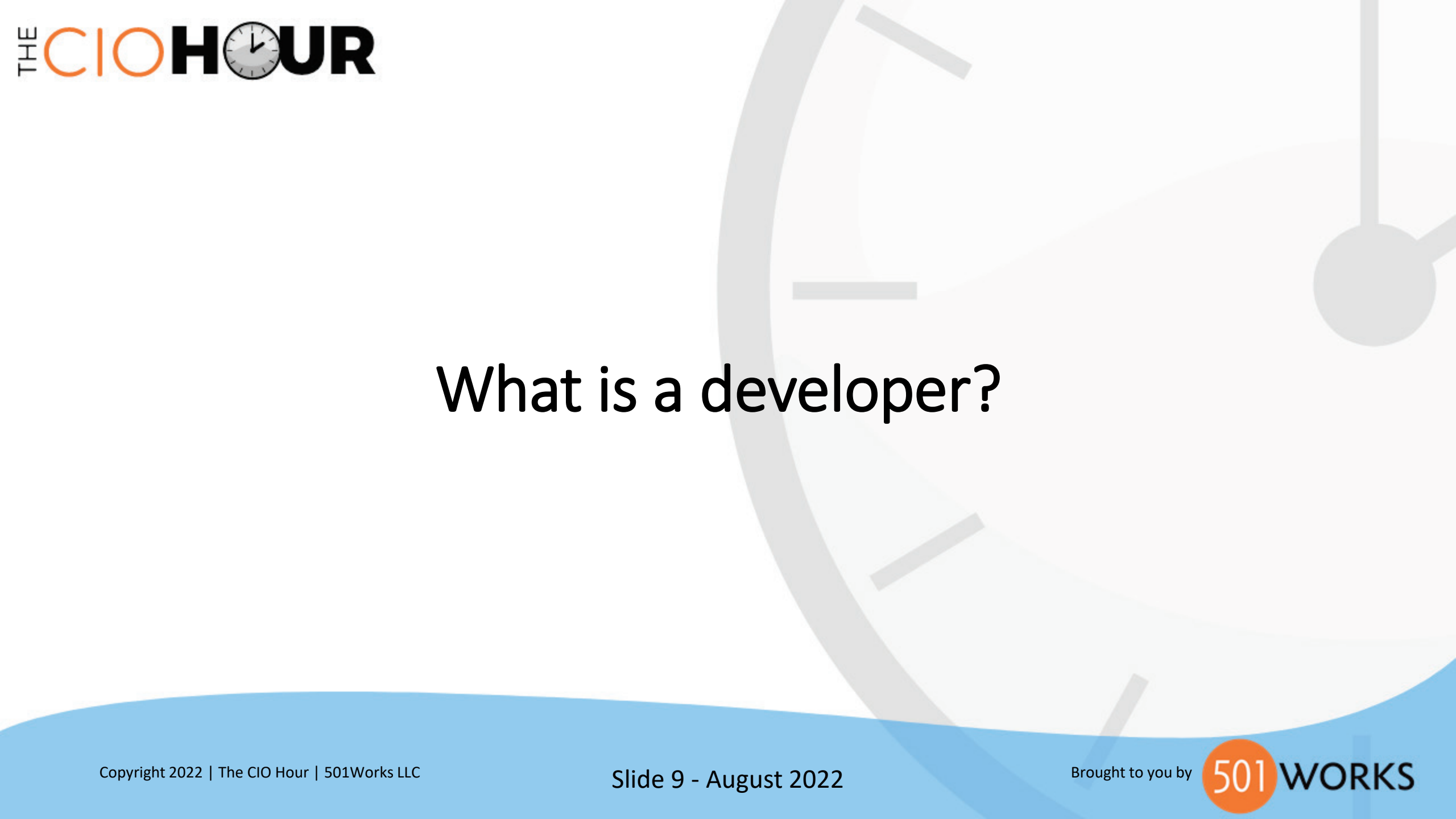
Today's Topic: Who Let the Devs Out?

Fast Facts – Who let the devs out?

1. MS-DOS v1.25 contained 13,587 lines of code
2. Windows 10 contains an estimated 50 million lines of code
3. Google Chrome contains approximately 9.8 million lines of code
4. Bugs? The Year – 1947 – ADM Grace Hopper working on a Mark II computer found a moth in a relay and recorded it in her journal.
5. Ada Lovelace (born 1815) is credited as being the first software developer.

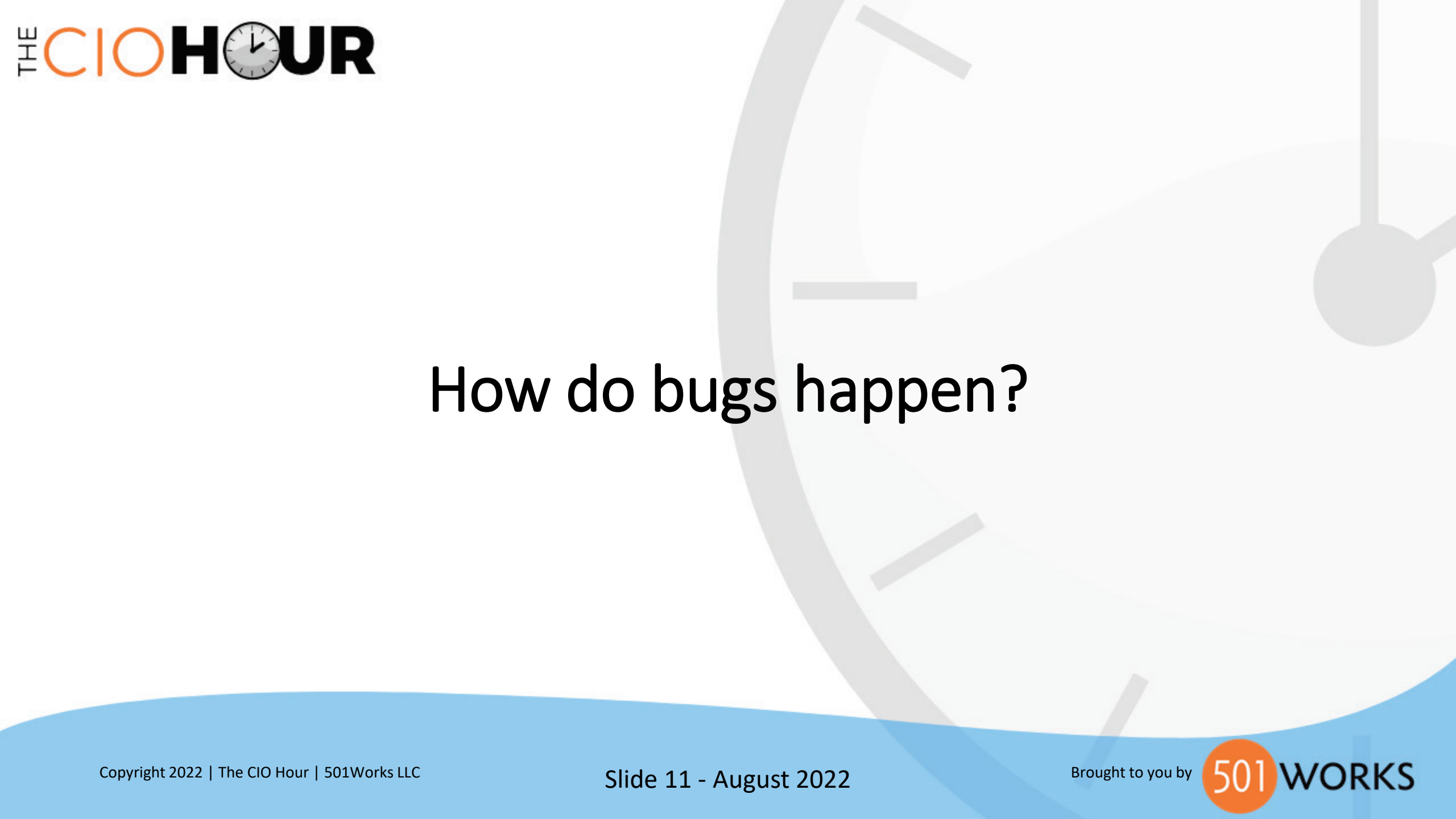


On to Your Questions...



What is a developer?

Why should I care about understanding the developers?



How do bugs happen?

How can I be a better bug reporter?

How can I be a better bug reporter?

1. Take Screenshots (Demonstrating and capturing errors and feedback.)
2. What is the URL? (For Web applications) There are lots of details frequently encoded in URLs.
3. What is your environment? (Mac, PC, Browser Type, etc. – especially when on mobile devices.)
4. Walk through the problem with some detailed bullet points.
5. What were you expecting to happen?
6. Take the time to talk to the developer if they request it. A quick Zoom call can be very fruitful.
7. Be patient – a lot of times finding issues is like exploring an iceberg. It may look small but break the surface and there can be a lot to explore.

For tips on taking screenshots from various devices: <https://www.take-a-screenshot.org/>

For tips on identifying your browser and other diagnostic information: <https://www.whatsmybrowser.org/>

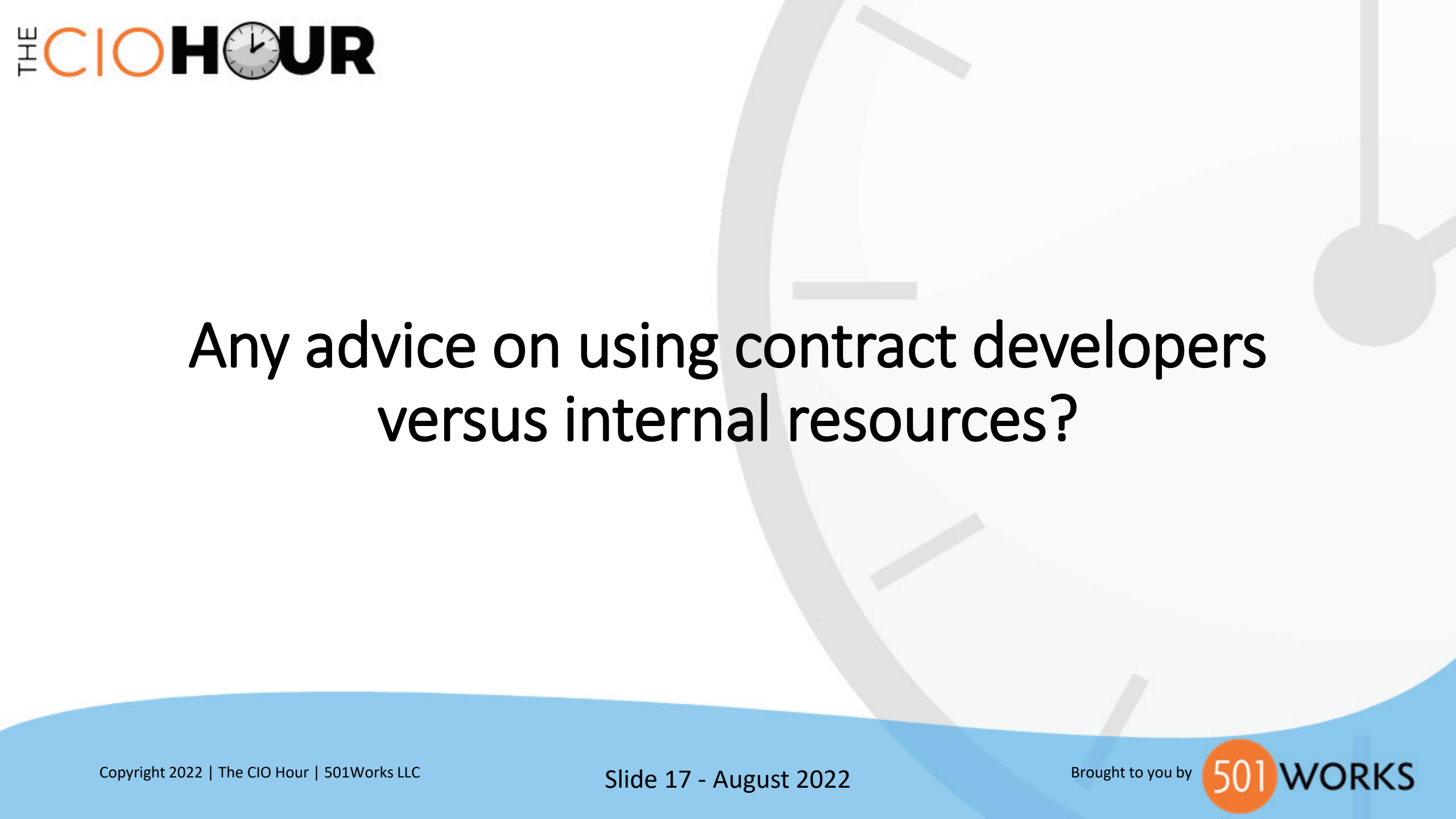


Why do developers always seem so scary?

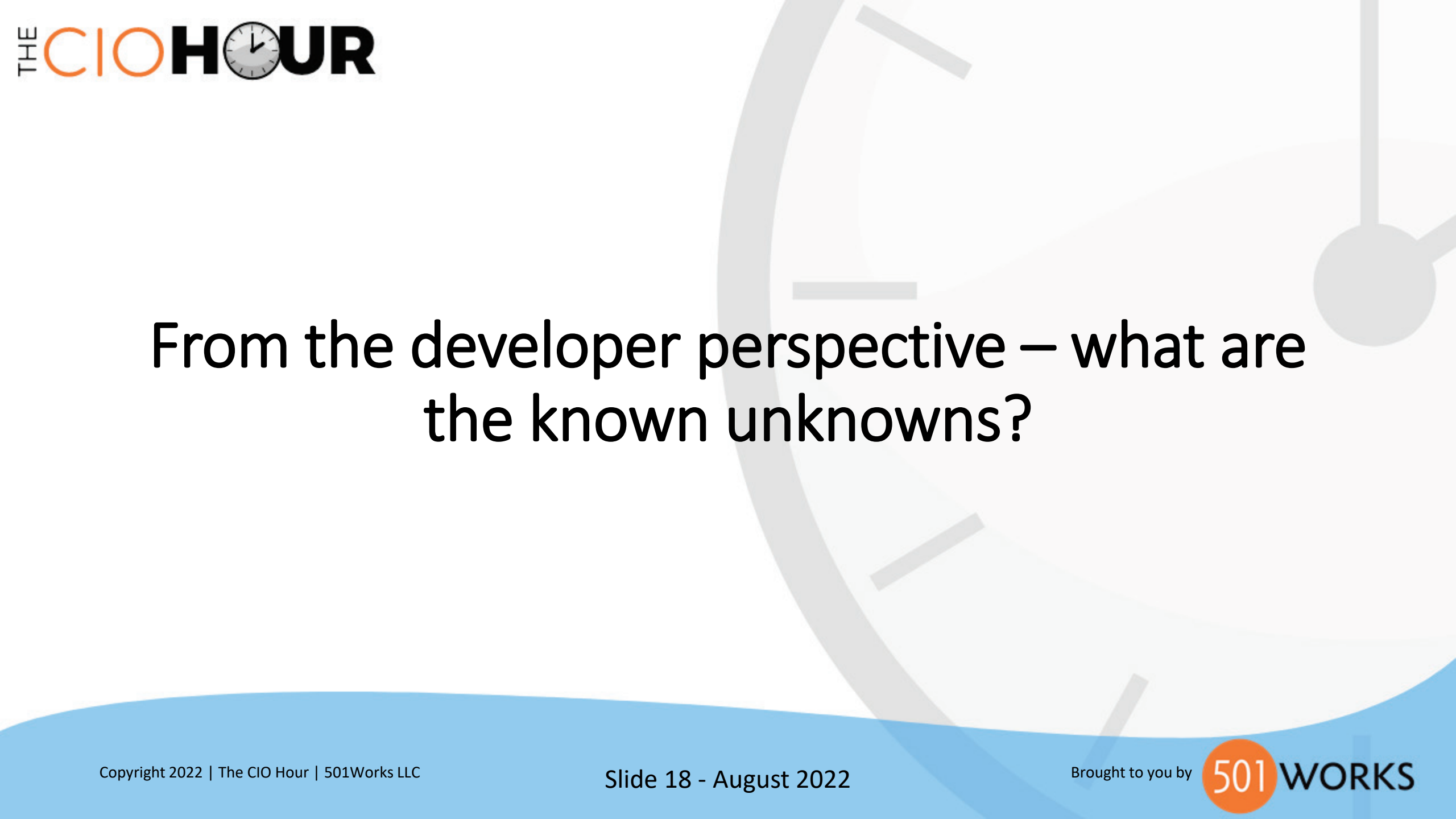


What makes a quality developer?

What in your opinion is the key to retaining high quality devs on staff (pay, work culture, type of projects, etc.)?



Any advice on using contract developers versus internal resources?



From the developer perspective – what are the known unknowns?

Other Questions?



Thank you to our panel of experts!



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Final Thoughts

- Join us September 8th for **Anatomy of a Breach**.
- An archive of this presentation and today's Webinar will be posted on theCIOHour.com in a few days.
- Any suggestions for future programs? Topics you would like to see covered? Please email us: theCIOHour@501works.com
- For CAE credit – you will receive a link via email tomorrow so you can claim your credit and receive your certificate.

