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Internet of Things

Blog

Quinn Damerell – Enabling OctoPrint for 3D Printing Everywhere – November 17th 2022

November 1, 2022 [Pete Gallagher](https://nottsiot.co.uk/author/admin/) (<https://nottsiot.co.uk/author/admin/>).

17th November 2022 on Zoom

WHAT'S IT ABOUT?

This month we dive into 3D printing!



Join the Meetup Here
(<https://www.meetup.com/nottingham-iot-meetup/events/289674579/>)

Quinn Damerell – Enabling OctoPrint for 3D Printing Everywhere:

The rise of 3D printing created a rise in IoT-based devices and open-sourced software used to control them. OctoPrint is by far the most commonly used local 3D printer control software, typically run on a raspberry pi plugged into the printer.

OctoPrint is amazingly powerful, but that power was constrained only to the LAN network, until OctoEverywhere.

Quinn will talk about his wild ride prototyping, developing, and running OctoPrint's most popular remote access service, <http://OctoEverywhere.com>.

Deep dive into the global server mesh network designed to achieve the lowest possible latency and learn about OctoEverywhere's newest feature, AI failure detection, which can process over 3 million images daily and is provided as a free service to the community.

IMPORTANT TO KNOW!

Please note. Neither the speaker nor the Nottingham IoT Meetup are responsible for any damage to any components or hardware you may bring along.

Note also that the equipment at the event remains the property of the speaker(s), and is for demo purposes only.

ABOUT OUR SPEAKER:

QUINN DAMERELL:



(<https://nottsiot.co.uk/wp-content/uploads/2023/09/7854873.jpg>)

Quinn is a Senior Developer on Mixed Reality at Microsoft

You can find him at;

Twitter: <https://twitter.com/OctoEverywhere> (<https://twitter.com/OctoEverywhere>)

LinkedIn: <https://www.linkedin.com/in/quinndamerell/>

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WHERE WILL WE BE MEETING:

This month we'll be back on Zoom.

We'll be kicking off at 18:30 for an open networking chat on Zoom, before kicking our talk off at 7PM.

You can join the Zoom Meeting by simply going to the following URL & following the Prompts;

Notts IoT Meetup (<https://www.meetup.com/nottingham-iot-meetup/events/289674579/>)

We'll be password protecting the meetup to help prevent "ZoomBombing". We'll be sending out an email to people that have RSVP'd around 5.30pm UK Time on the day, so make sure to check your emails!

Before that, do feel free to head over to <https://zoom.us> (<https://zoom.us/>) & create yourself an account as well as downloading the client to your favourite machine!

We'll also be streaming the Meetup on YouTube.

SWAG:



(<https://www.jetbrains.com/>)

We're proud to partner with JetBrains, who are kindly offering one lucky attendee a 1 year subscription to a JetBrains product of your choice, including ReSharper, IntelliJ and PhpStorm.

Attend and tweet on the #NottsIoT hashtag to be in with a chance of winning!



Join the Meetup Here
(<https://www.meetup.com/Nottingham-IoT-Meetup/events/274786129/>)

← Peter Shaw – Low Level USB with .NET
– September 22nd 2022

(<https://nottsiot.co.uk/peter-shaw-low-level-usb-with-net-september-22nd-2022/>)

Paul Barker – Open Source IoT with
ThingsBoard & SanTrack – February 9th

2023 → (<https://nottsiot.co.uk/paul-barker-open-source-iot-with-thingsboard-santrack-february-9th-2023/>)