

BoF: The Yocto Project and OpenEmbedded

Philip Balister / Nicolas Dechesne

#osummit @yoctoproject @OpenEmbeddedOrg @balister @ndec13

Agenda

- Some project updates
- OpenEmbedded workshop
- Q&A

Yocto Project Releases update

- **2.6.4**
 - 54 changes
 - 23 developers
- **2.7.2, 2.7.3, 2.7.4**
 - 258 changes
 - 60 developers
- **3.0 (October 2019)**
 - 2012 changes
 - 174 developers
- **3.0.1, 3.0.2, 3.0.3**
 - 382 changes
 - 88 developers
- **3.1 LTS (April 2020)**
 - 1957 changes
 - 193 developers
- **3.1.1 LTS**
 - 215 changes
 - 65 developers

Highlights

- Members updates
 - Platinum: Microsoft, Cisco, Xilinx
 - Gold: AGL
- Project 10th year
- Live coding sessions continue, many thanks to Josef!
- Completed migration to groups.io for Yocto project and OpenEmbedded
- <https://wiki.yoctoproject.org/wiki/Newcomers>

Highlights

- LTS
- Hash equivalence and reproducibility, now enabled by default
- Documentation migration to Sphinx

OpenEmbedded Workshop in February

Sponsored by the Yocto Project

Held the day after FOSDEM in Brussels

Recordings going live real soon

<http://pretalx.com/oe-workshop-2020/schedule>

Talks at ELC

Monday, June 29

10:30AM: [Yocto Project LTS Releases – Nicolas Dechesne, Linaro & David Reyna, Wind River](#)

2:05PM: [BoF: The Yocto Project and OpenEmbedded – Philip Balister, Consultant OpenSDR](#)

Tuesday, June 30

10:30AM: [Building Bare Metal Toolchains, Crosstool-ng and Yocto Project – Mark Hatle, Xilinx](#)

3:15PM: [Developing, Building and Testing Your Baremetal Applications Using The Yocto Project and OpenEmbedded Infrastructure – Alejandro Hernandez Samaniego, Microsoft](#)

Wednesday, July 1

11:15AM: [Reproducible Builds and Hash Equivalence in the Yocto Project – Joshua Watt, Garmin](#)

12:15PM: [Go RISC-V Go: The State of Software Development Tools for RISC-V – Khem Raj, Comcast \(Description: yocto\)](#)

Q&A

For the audience, How can we help you?



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