BoF: The Yocto Project and OpenEmbedded

Philip Balister / Nicolas Dechesne

#ossummit @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

Q&A
For the audience, How can we help you?