

A Smart Way to Manage Packages in Yocto Project

-Report about recent activities-

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- Fan Xin, Fujitsu Computer Technologies Ltd.
- Embedded Linux Developer
- In-House Embedded Linux Distributor of Fujitsu
- Our Distribution includes LTSI Kernel and is built with Yocto Project
- Our Distribution is used for
 - IVI, Server System Controller, Storage System, Network Equipment, Printer, etc.



IVI: In-Vehicle Infotainment

- Continue to develop Smart Package Manager on the GitHub

- Provide new experience to manage packages
 - Once Build, Deploy anywhere
 - Flexible to install, update and remove package without rebuild whole system
 - Appreciate bug report

- What we have done
 - Make presentation at ELC 2016
 - Change the name to “smart2”
 - Submit our patches to smart2

github.com/ubinux/smart2




■ Official Release at ALS 2016

■ Todo

- When uninstall the package, solve the dependence relationship
- python3 support

■ In near future

- Remote access over a network connection like APT, YUM and DNF
- Add the option to create image automatically



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shaping tomorrow with you