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.
Recently

- 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
Get smart2 from…

github.com/ubinux/smart2
Demo
Next Step

- 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