PCL Developer Cloud
—–Empower the China developers via Linaro developer cloud

Guo changguo / Peng Cheng Laboratory
Goal: TO BE National laboratory

Location: Shenzhen, GuangDong, China

Vision: International science and technology innovation center in Great Bay Area
Research Centers and Projects

- Artificial Intelligence
- Network Communication
- Cyberspace Security

Projects: Multipolarization computing ecosystem environment. Reshape Chinese computer industry ARM + Linux.
Scientific Infrastructures

- Cloud Brain Platform and Intelligent Application Project
- Network Simulation Verification Platform
- ARM+Linux Ecosystem Platform
ARM+Linux Ecosystem Platform

Supply-side
Arm industry

Developer Cloud

Demand-side
users
developers

Enabling device
Bridge
ARM+Linux Ecosystem Platform

Supply-side

Solutions
- Cloud/Big Data/AI
- Officing
- Mobile

Eco items
- Tool chains
- Software stack

Products
- Computing
- Storage
- Network

Powered By Linaro

PCL Developer Cloud

- Computing
- Software stack
- Data
- Mobile Innovation Environment
- AI Innovation Environment
- Cloud Environment Platform
- New Computing eco environment

Demand-side

Integrator
Product manufacturer
Personal Developer
ARM+Linux Ecosystem Platform

<table>
<thead>
<tr>
<th>User</th>
<th>Integrator</th>
<th>Product manufacturer</th>
<th>Personal Developer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service</td>
<td>virtual machine</td>
<td>Software stack</td>
<td>Storage</td>
</tr>
<tr>
<td>Cloud</td>
<td>Developer Cloud</td>
<td>Developer Cloud</td>
<td>Developer Cloud</td>
</tr>
<tr>
<td>Linux OS</td>
<td>KYLIN</td>
<td>redhat</td>
<td>CentOS</td>
</tr>
<tr>
<td>ARM CPU</td>
<td>FT-1500A</td>
<td>TaiShan 1616</td>
<td>TaiShan1620</td>
</tr>
</tbody>
</table>
Collaboration between Linaro & PCL

A. Deploying public & free cloud for developers
Powered By Linaro Developer Cloud

Developers
• Students
• Employees of Software Company
• Personal developers
• ......
Collaboration between Linaro & PCL

B. Building ARM Linux software store
   - Tool Chain (OpenJDK, GCC, luaJIT, KVM, etc)
   - ERP (Tianocore, RPK, Hadoop, OpenStack, Ceph, Spark, etc)
   - AI (ArmNN, etc)

C. Moving ARM based solutions forward in the bureau IT system

D. Promoting the economic transformation of Great Bay Area by making the full use of Linaro's industrial cooperation ability
ARM + Linux

Choice of the PCL
Choice of the China
Choice of the World
Thanks

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