

OpenDRIM 2009 Activities

2009. 10. 20 @ Tokyo

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Open
DRIM

OpenDRIM Project

- “Distributed Resource Information Management”
- Mother Project for System Management Domain
 - OpenDRIM for “Linux Server”
 - OpenDRIM for “Linux Desktop”
 - OpenDRIM for “Linux Mobile”
 - OpenDRIM for “Virtualization”
 - ...
- <http://sourceforge.net/projects/opendrim/>



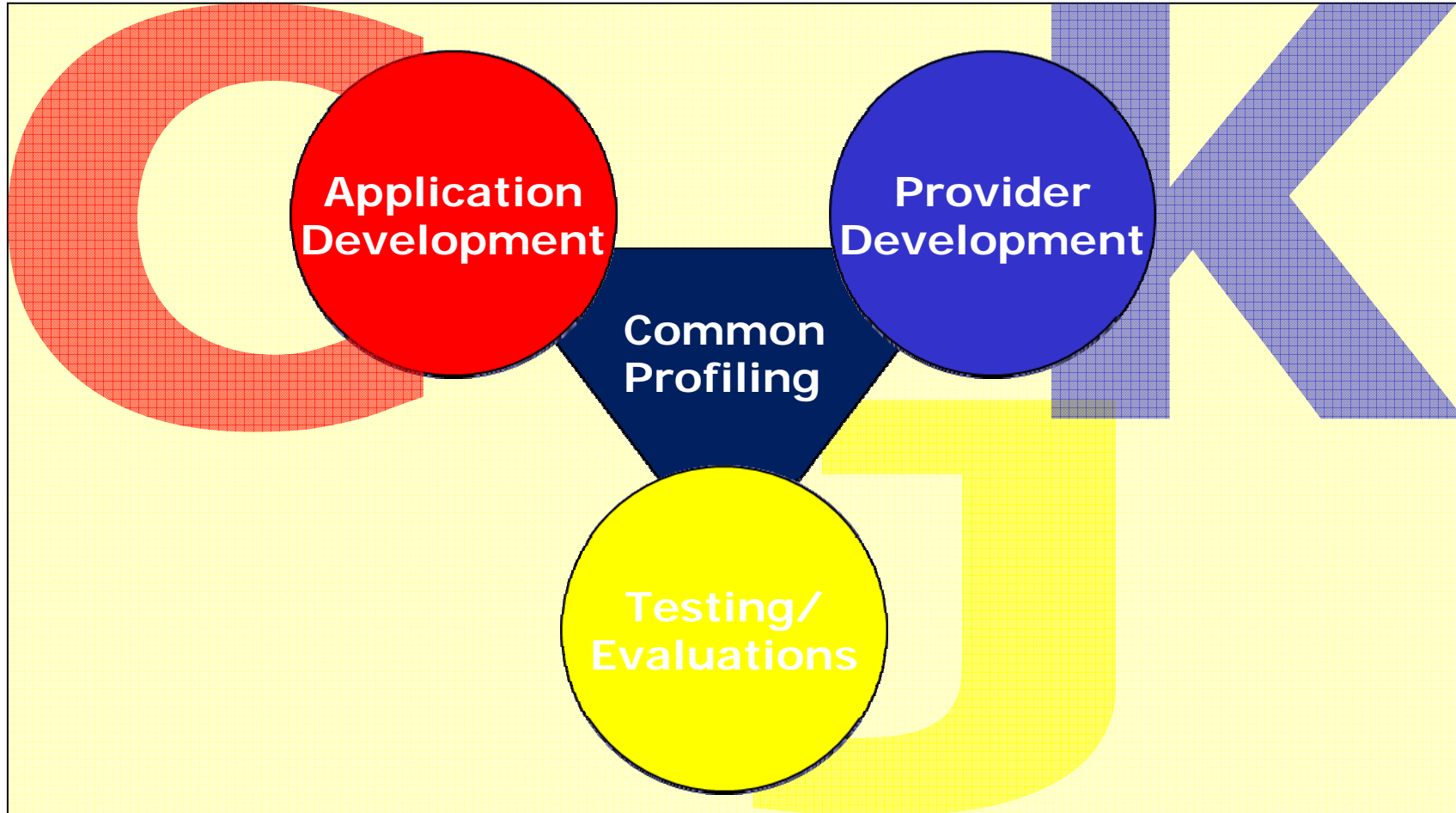
Project Goals

- **Develop distributed resources information management technologies & environment based on CIM/WBEM standards of DMTF**
- **via CJK collaborative**
- **open source project,**
- **in order to contribute back to the open source community**

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Roles

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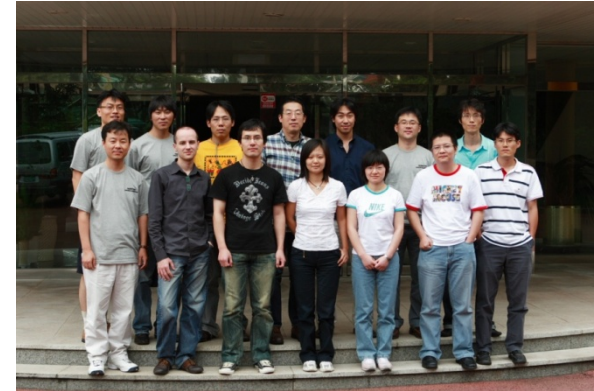
Project Meetings

- 2006. 9. 4 (Jeju)
 - First talk at WG1 meeting of NEA OSSPF
- 2006. 9. 27 (Beijing)
 - Leader's meeting to build up the Project
- 11 meetings for 2007
 - 5 F2F Project Leaders Meeting
 - 4 Conference Call
 - 2 Developer Camp



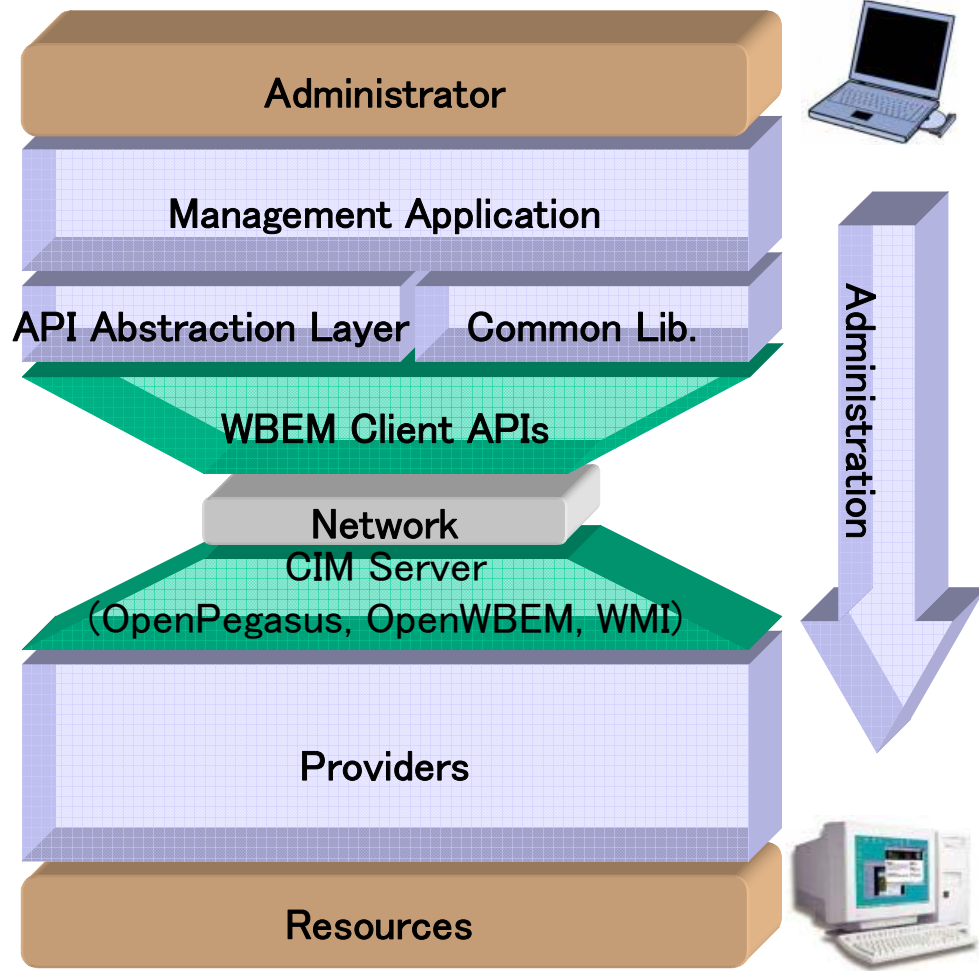
OpenDRIM Developer Camp

- ❑ 1st OpenDRIM Developer Camp
 - 2006.10.30~31 (Beijing),
 - 2006.11.20 (Fukuoka)
 - 20 participants from CJK
- ❑ 2nd OpenDRIM Developer Camp
 - 2007.9.10~11 (Jeju)
 - 18 participants from CJK
- ❑ 3rd OpenDRIM Developer Camp
 - 2008.10.29 (Wuxi)
 - 10 active members from CJK

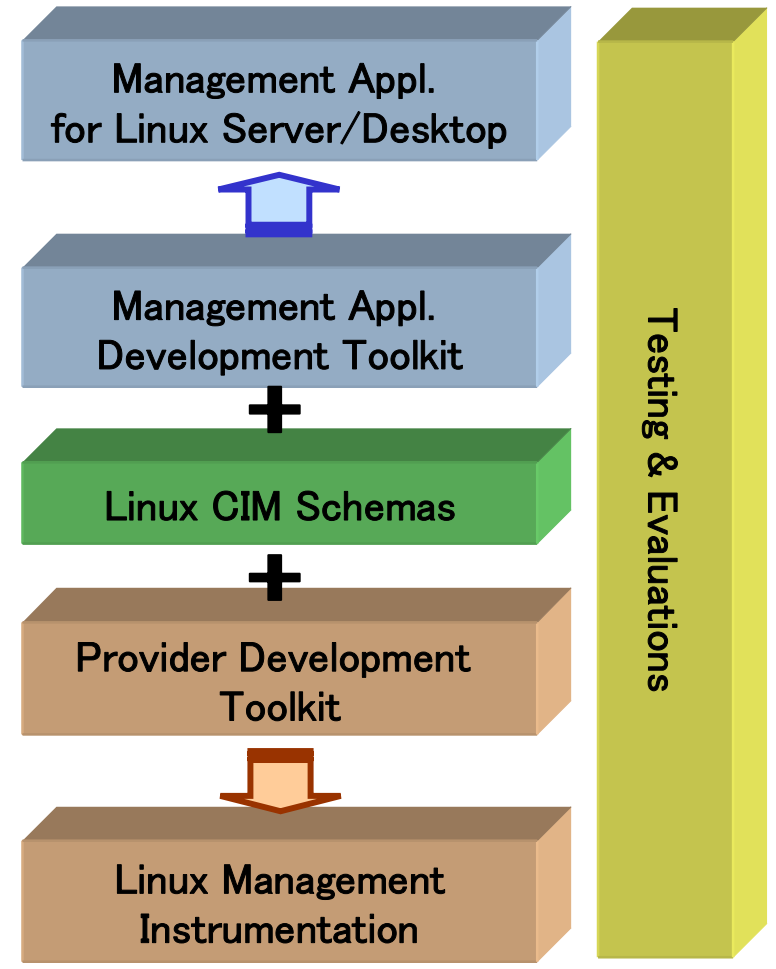


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Architecture



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The logo consists of a light blue circle on the left, followed by the word "Open" in a light blue sans-serif font above the word "DRIM" in a larger, bold, light blue sans-serif font. The "DRIM" text is partially overlaid by the right edge of the circle.

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OpenDRIM 2009 Suite

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Open
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- Profiling for Linux System Management according to the Application's requirements
- Rewriting OpenDRIM providers against standard profiles
- Develop additional providers necessary for management applications
- Development Tools for providers
- Testing & evaluations against other FOSS/commercial solutions
- OpenLIME Management Applications
- Comparison report of OpenDRIM

Internationalization

- More Active Participants
 - Almost 100 mailing list subscribers
 - Beyond CJK

- More Collaboration with other OSS Communities

- SBLIM (IBM), LIFE (Novell), ...
- Ubuntu, Fedora



- “Linux Manageability” WG in Linux Foundation
 - ASAP



OpenDRIM in Ubuntu

- Ubuntu Karmic ('09.10) adopted OpenDRIM results
 1. libopendrim-common
 2. opendrim-imp-baseserver
 3. opendrim-imp-ethernetport
 4. opendrim-imp-systemmemory
 5. opendrim-imp-recordlog
 6. opendrim-imp-physicalasset
 7. opendrim-imp-ip
- Further Collaboration
 - 20 ~ 30 more providers
 - Provider Development Tools
- Links
 - <https://blueprints.launchpad.net/ubuntu/+spec/server-karmic-wbem-providers>
 - <https://wiki.ubuntu.com/WbemProviders>

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OpenDRIM in Ubuntu

The screenshot shows the Synaptic Package Manager window in Ubuntu. The search bar contains 'opendrim'. The results table lists 8 packages. The status bar at the bottom indicates '8 packages listed, 1284 installed, 0 broken. 0 to install/upgrade, 0 to remove'.

S	Package	Installed Version	Latest Version	Description
<input type="checkbox"/>	libopendrim0-dev		1.1.1-0ubuntu1	OpenDRIM Provider Cor
<input type="checkbox"/>	libopendrim0		1.1.1-0ubuntu1	OpenDRIM Provider Cor
<input checked="" type="checkbox"/>	opendrim-imp-baseserver		1.1.1-0ubuntu1	OpenDRIM Base Server
<input checked="" type="checkbox"/>	opendrim-imp-systemmemory		1.0.1-0ubuntu1	OpenDRIM System Men
<input checked="" type="checkbox"/>	opendrim-imp-ethernetport		1.1.1-0ubuntu1	OpenDRIM Ethernet Por
<input checked="" type="checkbox"/>	opendrim-imp-physicalasset		0.1.1-0ubuntu1	OpenDRIM Physical Ass
<input checked="" type="checkbox"/>	opendrim-imp-recordlog		1.1.1-0ubuntu1	OpenDRIM Record Log
<input checked="" type="checkbox"/>	opendrim-imp-ip		1.1.1-0ubuntu1	OpenDRIM IP provider

8 packages listed, 1284 installed, 0 broken. 0 to install/upgrade, 0 to remove