FusionInventory — Time to unify them all

fusioninventory.org

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Origins

Merge of 2 projects

Merge of 2 projects

- Tracker agent for GLPI
  - Network discovery with nmap, NETBIOS and SNMP
  - SNMP query
- OCSInventory-ng Unix Agent
  - Inventory of hardware, software, processes
  - Deployment of packages
Factorize

- One unique agent on every platform
  - Unices, Linux, BSD, MacOS X, Windows
- Offer a modular platform to other projects needing an agent
  - Interested projects: GOsa², unattended-gui, FAN
Network discovery

- nmap
- NETBIOS
- SNMP discovery
Assets inventory

- Local inventory
  - hardware, software, processes, virtual machines
- Remote: SNMP queries
  - Network devices, printers
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Functionalities

Send data to servers

Send data to servers

- **OCSInventory-ng**
  - Local inventory data

- **FusionInventory Server plugin for GLPI**
  - SNMP collected data
  - Network discovered devices
  - Inventory support is planned
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Functionalities

- Wake the agent when needed

**Wake the agent when needed**

- Wake on LAN
- Network discovery
- SNMP query
- OCS deploy
- Local inventory
Deployment

- OCSInventory-ng using peer to peer and SSL
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Get the software

Build the source

**Build the source**

- **GIT**
  - [http://www.gitorious.net/fusioninventory](http://www.gitorious.net/fusioninventory)
  - [http://github.com/fusinv](http://github.com/fusinv)

- **Perl CPAN modules**

- **External recommended tools**
  - dmidecode, ipmitool, nmap, pciutils, read-edid, smartmontools

- **Platforms with specific code**
  - AIX, BSD, HPUX, Linux, MacOS, Solaris, Win32
Get the software

Packages

CPAN
  - cpan -i FusionInventory::Agent

Linux distributions, FreeBSD
  - Modular packages (already in Debian)

MacOS X

Windows
Immediate advantages

- SSL Peer to peer deployment for OCSInventory-ng
- Wake on LAN
- RPC server on the agent
- UTF-8 support
- Windows portage in progress
- Active community: mailing list, irc.freenode.net/#fusioninventory
Long term advantages

- Full integration in GLPI
- Backward compatibility with OCSInventory-ng server
- Integration with other projects: GOsa², Unattended-GUI ...
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Ressources

FusionInventory

FusionInventory

http://fusioninventory.org

http://lists.alioth.debian.org/mailman/listinfo/fusioninventory-user

http://forge.fusioninventory.org

http://lists.alioth.debian.org/mailman/listinfo/fusioninventory-devel

http://www.gitorious.net/fusioninventory

http://github.com/fusinv
Bound projects

- http://glpi-project.org
- http://ocsinventory-ng.org
- https://gosa.gonicus.de
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