JACoW Software Bundle

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Agenda

- Cumbersome Proceedings Office Setup
- Situation TM 2010
- A Different Approach
- Ninite
- Combined Installer
- Installer Impressions
- Open Issues
- References

Cumbersome Proceedings Office Setup

- Sometimes we had to set-up all computers manually (takes some hours)
- Not all software products were installed
- Products are most of the time not configured properly (JACoW-MediaBox, Destiller Settings missing etc.)
- Goal

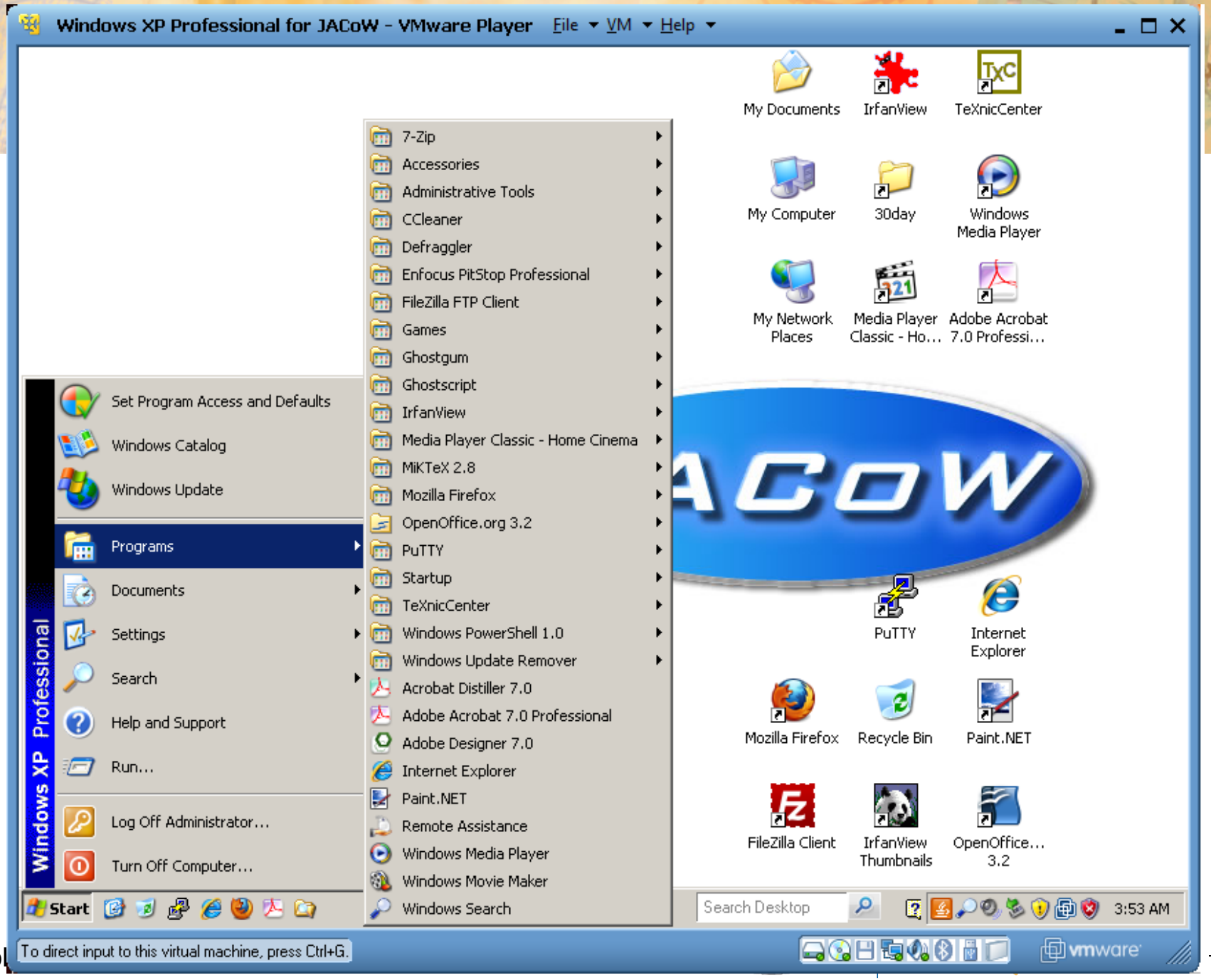
→ Provide an easy way to setup and configure the machines up front to save the editors time.

→ Enable editors to work on more important tasks.

Situation TM 2010 (1)

- Done
  - Created a sealed Virtual Machine Image with Windows XP Pro & Editor Software using VMWare Player
  - Created an installer for easy setup of VMWare Player & the VM
  - Testing was done on Win7/Vista/XP

    Windows XP 32bit @ Intel Core2Duo E8400, 2GB
    Vista 64bit @ AMD Neo 1.6 Ghz (single core), 2GB
    Windows 7 32bit @ Intel Core2Quad Q6600, 4GB
    Windows 7 64bit @ AMD Neo 1.6 Ghz (single core), 2GB
  - Successfull used at FEL '10 (only ?)


Windows XP Professional for JACoW - VMware Player
File
VM
Help
My Documents
IrfanView
TeXnicCenter
My Computer
30day
Windows Media Player
My Network Places
Media Player Classic - Ho...
Adobe Acrobat 7.0 Professi...
7-Zip
Accessories
Administrative Tools
CCleaner
Defraggler
Enfocus PitStop Professional
FileZilla FTP Client
Games
Ghostgum
Ghostscript
IrfanView
Media Player Classic - Home Cinema
MiKTeX 2.8
Mozilla Firefox
OpenOffice.org 3.2
PuTTY
Startup
TeXnicCenter
Windows PowerShell 1.0
Windows Update Remover
Acrobat Distiller 7.0
Adobe Acrobat 7.0 Professional
Adobe Designer 7.0
Internet Explorer
Paint.NET
Remote Assistance
Windows Media Player
Windows Movie Maker
Windows Search
Set Program Access and Defaults
Windows Catalog
Windows Update
Programs
Documents
Settings
Search
Help and Support
Run...
Log Off Administrator...
Turn Off Computer...
Windows XP Professional
JACoW
PuTTY
Internet Explorer
Mozilla Firefox
Recycle Bin
Paint.NET
FileZilla Client
IrfanView Thumbnails
OpenOffice... 3.2
Start
Search Desktop
3:53 AM
To direct input to this virtual machine, press Ctrl+G.
vmware

Situation TM 2010 (2)

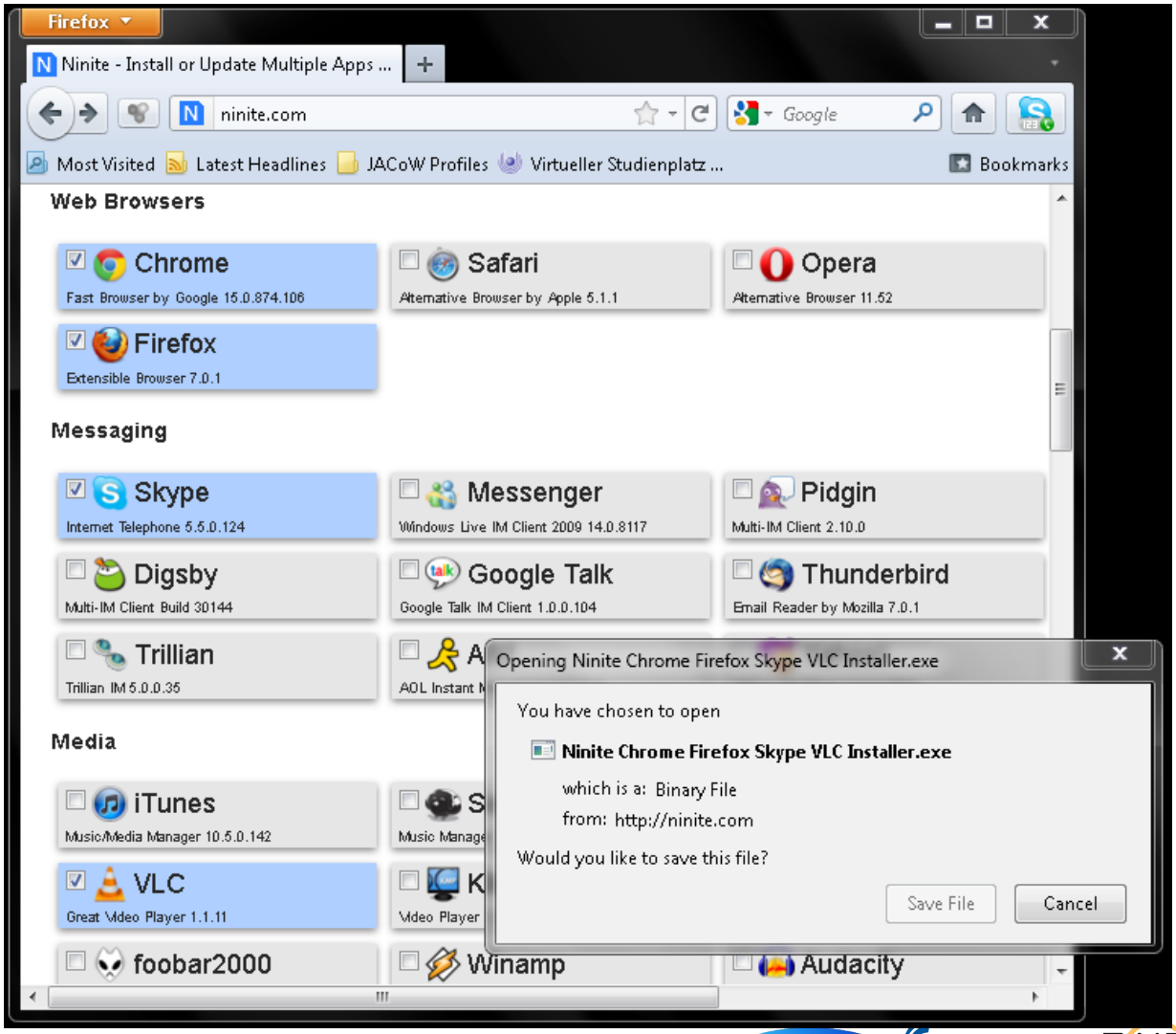
- ToDo
  - Further investigation of licensing issues (e.g. what about XP licenses & VMWare license)
  - XP Serials are bound to language, platform and version only specific serials (English & 32-bit & Professional) work for activating the current VM
  - Preparing the OS for deployment (SysPrep) removes some configuration (solution needed)
  - Test alternative virtualization tools (VirtualBox, qemu, ...)

A Different Approach

- Current State of VM
  - Licensing & serials are still a problem
  - No time to investigate alternative virtualization tools
- Investigated Bundling the Software in one Installer
  - High maintenance
  - Compatibility issues
    - Some software already installed?
    - Platform issues (32/64-bit, Windows/.NET versions) ?

Ninite

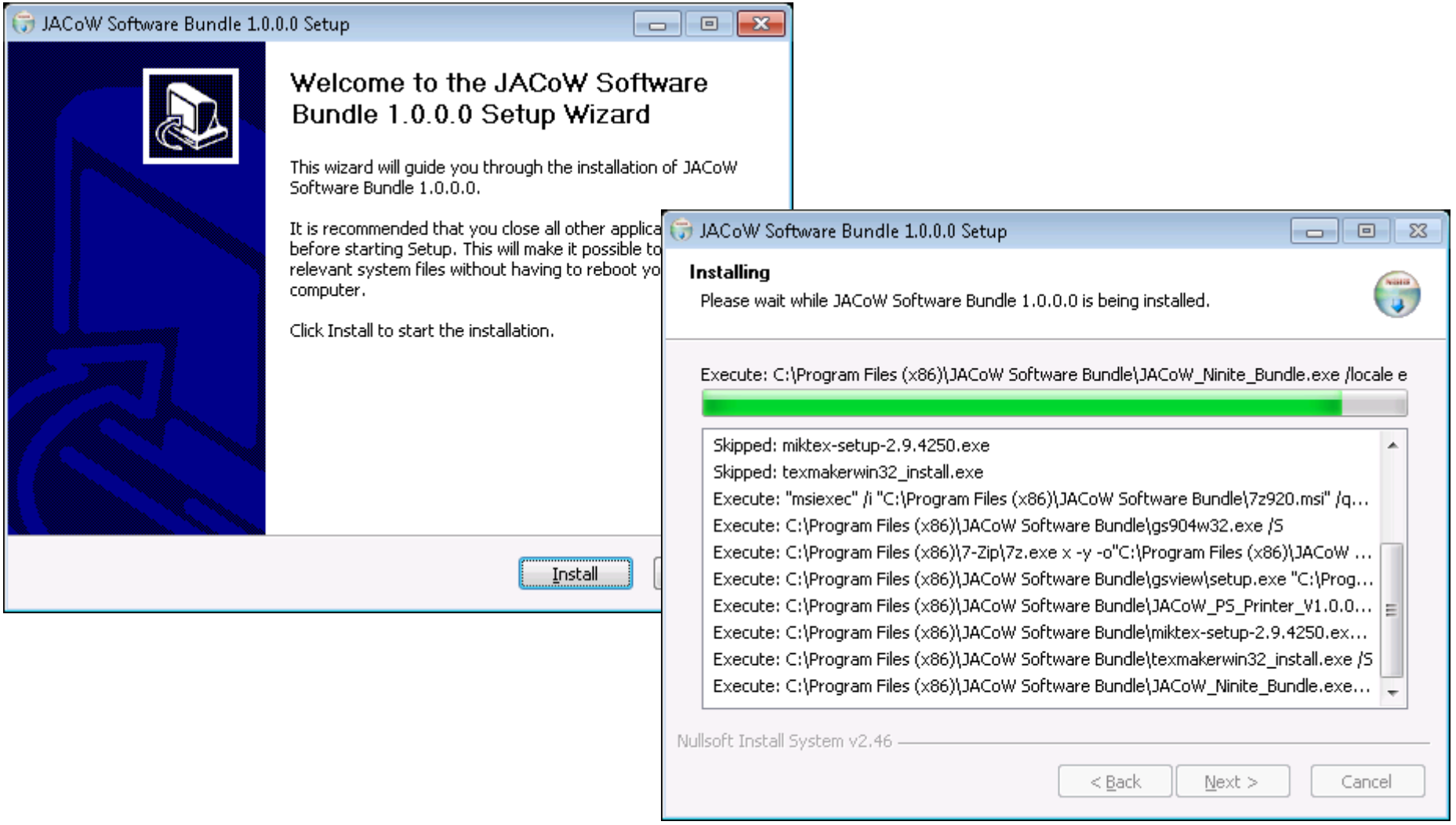
Install or Update Multiple Apps at Once



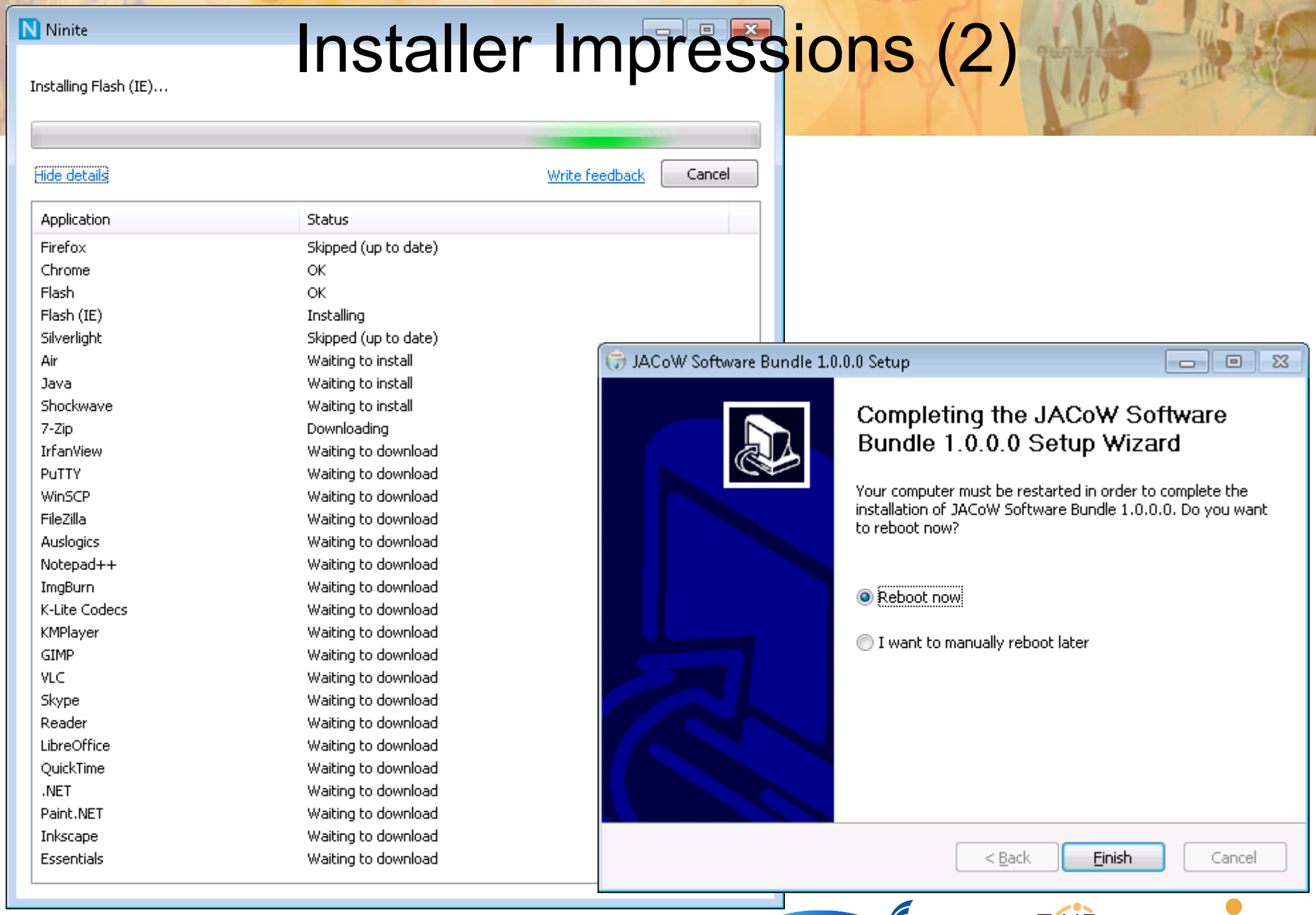
Combined Installer

- Used Ninite as a base to reduce maintenance
  - Chrome, Firefox, Skype, VLC, K-Lite Codecs, MPC, QuickTime, Flash, Java, NET 3.5, Silverlight, Adobe Air, Shockwave, Paint .NET, Gimp, IrfanView, Inkscape, Essentials (AntiVirus), 7-Zip, FileZilla, Notepad++, WinSCP, Putty
- Added manually
  - JACoW PS Printer, MiKTeX, Texmaker, Ghostscript, GhostView

Installer Impressions (1)



Installer Impressions (2)



Open Issues

- Missing / Not yet integrated
  - Acrobat Professional 9, PitStop 9/10
  - JACoW Setup like profile, templates, MediaBox
  - Microsoft Office
- Issues
  - Again: Size!
  - Software is not configured yet
  - Installer should check for new version (so nobody uses an old version „lying around“)

Questions?

References

- **Ninite - Install or Update Multiple Apps at Once**
  http://ninite.com/
- **nullsoft scriptable install system**
  http://nsis.sourceforge.net/Main_Page
- **Windows Installer**
  http://msdn.microsoft.com/de-de/library/cc185688.aspx
- **VMWare Player**
  http://www.vmware.com/products/player/