

Operational Processes

- ❑ Large scale media munging
- ❑ Custom workflows
- ❑ Tape <-> File conversion
- ❑ File Format conversion (codec/wrapper)
- ❑ File splitting/logging/trimming
- ❑ Multiple delivery formats from single source

All in a multi-OS environment (Win/OSX/Linux)

I.T. toolset needs

- ❑ Media munging
- ❑ Workflow control
- ❑ Asset tracking
- ❑ System monitoring
- ❑ Development
- ❑ Workflow Audit
- ❑ Documentation/Support
- ❑ Infrastructre

(coalface)

(backend)

Media processing

- ❑ FFmpeg
- ❑ FFmpeg
- ❑ Sox
- ❑ Mplayer
- ❑ X264/5
- ❑ GraphicsMagick
- ❑ DVDAuthor
- ❑ Mkisofs

Workflow control

- ❑ Shell scripts
- ❑ OS DB backends
- ❑ AnyProcess/AnyProxy (in house built on OSS components)
 - ❑ Javascript/JQuery
 - ❑ Sinatra
 - ❑ XMLSimple, etc
 - ❑ Need driven, commercial products could not deliver
 - ❑ Scalable
 - ❑ Cross Platform
 - ❑ Can drive OSS or non OSS binaries on any Operating System

Asset tracking

- ❑ MySQL/PGSql/Maria
- ❑ Custom web gui front end
- ❑ Dedicated, project specific DB
- ❑ Commercial offerings unable to provide required features

System monitoring

- ❑ Zabbix
 - ❑ Disk I/O
 - ❑ Network I/O
 - ❑ Process status
 - ❑ Asset status
 - ❑ System availability
 - ❑ Email alerts
- ❑ Cacti
 - ❑ General Network health

Development

- Git
- Netbeans
 - Community Ruby plug-in
- Meld
- PhpMyAdmin
- etc

Plus some other non OSS apps for which no OSS equivalent could be found, e.g. AppGini.

Workflow Audit

- Git
 - Tag signed off workflows while allowing ongoing development
 - Ensure all engines using same version
 - Distribute changes/updates uniformly

Documentation/Support

- ❑ Redmine
 - ❑ Documentation
 - ❑ Issue tracking
 - ❑ Knowledge Base
 - ❑ Reference configs
- ❑ CMDBuild
 - ❑ Itil asset tracking

Infrastructre

- ❑ SAMBA
- ❑ Qemu/KVM
 - ❑ Support systems
 - ❑ 'Grunt' Processing
 - ❑ Test bed builds
- ❑ Virt
- ❑ (MAAS)

Conclusion

Open source doesn't do everything (yet).
But it plays an important part, from the heavy lifting through oft forgotten critical components (e.g. Samba/*SQL) and development tools to fundamental infrastructure (such as VM's)!