



**Now that Transarc AFS is OpenAFS,
are there any more reasons to use Arla?**

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Intro

- Arla news
- OpenAFS is out - should I continue to use Arla?
- Arla future - where we are heading

New features in release 0.35

- Added a klog like program called kalog that talks directly to the ka-server
- Removed advertising clause in the copyright message
- Added man-pages
- Handles now startup without root volume
- Improved stability on Solaris/smp
- Even more bug fixes

Supported operating systems

- Linux
- FreeBSD
- NetBSD
- OpenBSD
- Mac OS X/Darwin (please test)
- Solaris (no writing mmap)

Arguments for OpenAFS

- Arla caches whole files
- The fileserver implementation is more stable than Milko
- Has been around forever
- Compatibility issues. OpenAFS is Transarc AFS.

Arguments for Arla

- The sourcecode released with OpenAFS is scary
- Flexible code base in respect to OS changes
- Easy configure make process
- Upgrade without need to reboot
- Rich of debugging features
- Less annoying small problems
- Most stable client for Linux workstations
- Better handling of “strange” packets.

Problems with AFS in general

- Big files
- Fileserver performance
- Volumeserver performance
- **Rx** sucks, we have some improvements, but those will end up in **0.36**.

Milko

- Basic vlserver working
- Basic ptserver working
- Basic fserver working
- volserver lacks dump/restore and cloning
- bossserver has some few features
- salvage only checks consistency of the tree
- Serves files, but not production quality

Future work in Arla

- Continued support of the Arla project by KTH
- Somehow support files larger than cache
- Disconnected mode for Arla, clean up existing code
- Milko: stability, “salvage”, speed
- Keep up with Linux changes

Things we want to know and could use some help with

- You can contribute - let us know you exist
- GUI: GTK, KDE, other?
- Milko: backup/restore connection to other system
- Mac OS X/Darwin: Does it need a binary package?
- Windows NT/2000: Who wants to do the last steps?
- Kerberos 5, support without v4 library needed?