

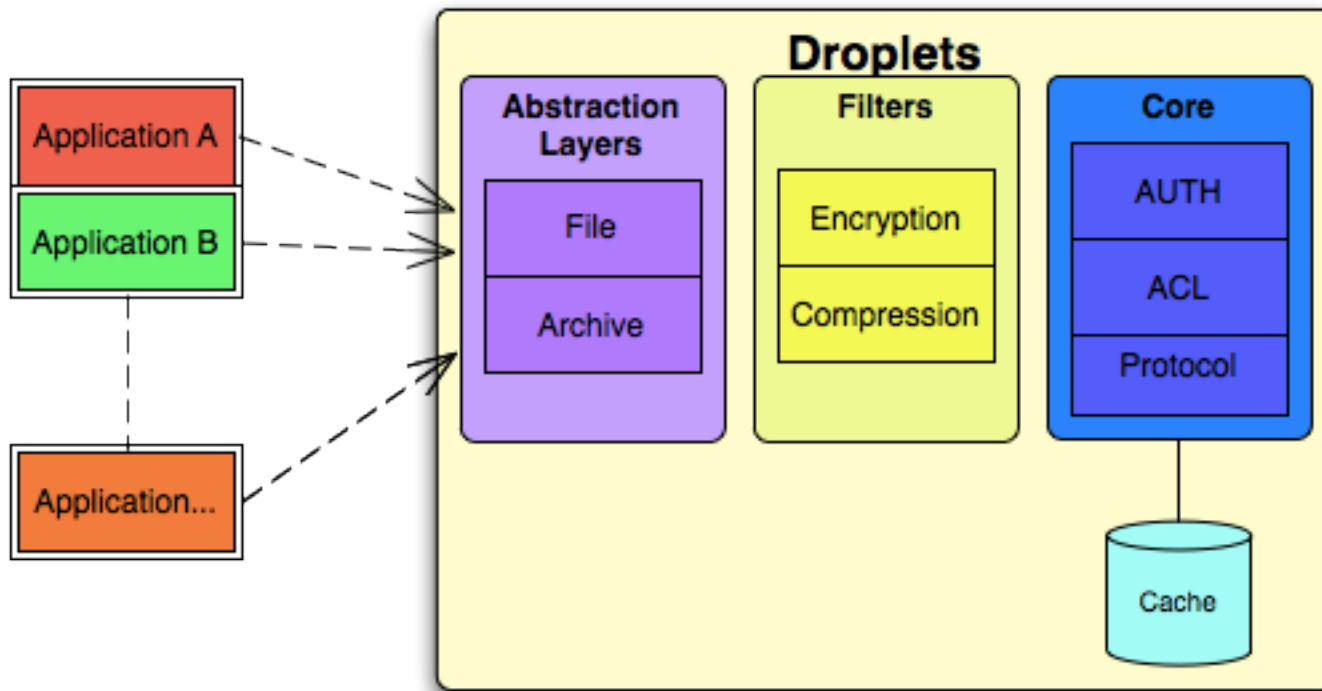
Open Source CDMI implementation Scality Droplet library

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- ❑ Open source cloud client library announced at last year SDC
- ❑ Released under a BSD license
- ❑ SCOP \$BOUNTY
- ❑ Goal:
 - ❑ Facilitate the transition to Cloud Storage for the Open Source Community

Clouds are made of droplets

- Portable C API with bindings for PERL, Python, Ruby & more



Interoperability

- ❑ File abstraction layer
 - ❑ Path encoding
 - ❑ Splitting large files
- ❑ Custom domains
 - ❑ Address any compatible cloud server
 - ❑ Easily migrate data between clouds

Performance

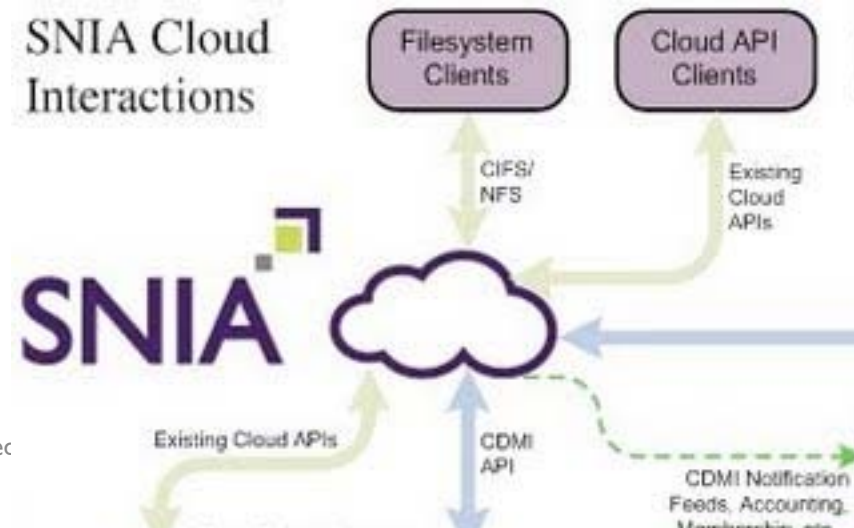
- ❑ Transparent compression
- ❑ Local caching
 - ❑ Using any local volume as read and/or write cache

What's new in 2011

- ❑ 4 bounties done!
 - ❑ Cloud Migration Tool
<https://github.com/scality/Cloud-Migration-Tool>
 - ❑ Incremental Backup with Deduplication
<https://github.com/scality/Droplet-backup>
 - ❑ File System Emulation
<https://github.com/scality/dropletfs>
 - ❑ Cloud Storage Shell
<https://github.com/scality/Droplet-sh>

What's new in 2011 - bis

- ❑ CDMI client support
 - ❑ Interoperability with S3
 - ❑ Cloud migration from S3 to CDMI
- ❑ CDMI server support
 - ❑ Dewpoint: open source CDMI server!



Dewpoint open source CDMI server

- Goal
 - Provide a CDMI compliant server that anybody can use and modify either for private, public or hybrid use.
- Released under a BSD license
- On Github:
 - <https://github.com/scality/Dewpoint>

Participate!

- ❑ We need help to support other platforms than Linux
 - ❑ OSX
 - ❑ BSD
 - ❑ Windows

- ❑ There are still bounties open!
 - ❑ <http://scop.scality.com/>

- ❑ Test, tests, tests....

DEMO

Thank you