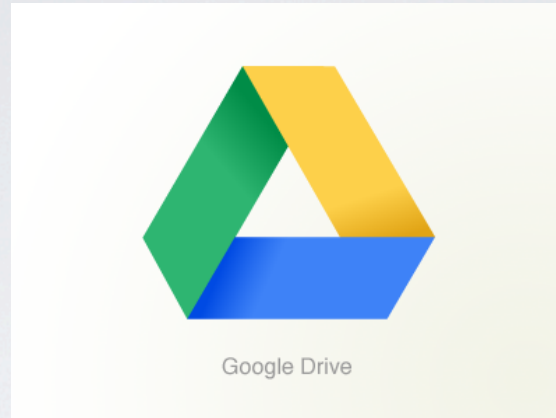
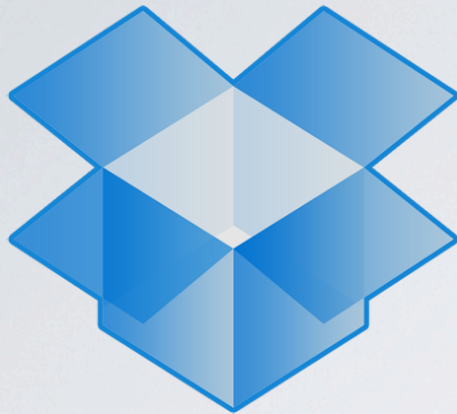



CLOUD FS

Younghoon Jeon
Jinhyung Park
Wonjoon Song




- So many cloud storages available these days.
- People use more than just one service.
- Data scattered over various cloud storages.



Free

Up to 18 GB (2 GB + 500 MB per referral)

[Get Dropbox now!](#)




Pro 50

+1 GB per referral, up to +32 GB

\$9.99/month or \$99.00/year

[Upgrade to Pro 50](#)




Pro 100

+1 GB per referral, up to +32 GB

\$19.99/month or \$199.00/year

[Upgrade to Pro 100](#)



Teams

Plans starting at 1 TB

Large shared quota, centralized admin and billing, and more!

[Learn more](#)

Choose from any of the following storage plans to be shared across Google Drive and Picasa:

| Storage | Monthly Rate |
|---------|--------------|
| 25 GB | \$2.49 |
| 100 GB | \$4.99 |
| 200 GB | \$9.99 |
| 400 GB | \$19.99 |
| 1 TB | \$49.99 |
| 2 TB | \$99.99 |
| 4 TB | \$199.99 |
| 8 TB | \$399.99 |
| 16 TB | \$799.99 |

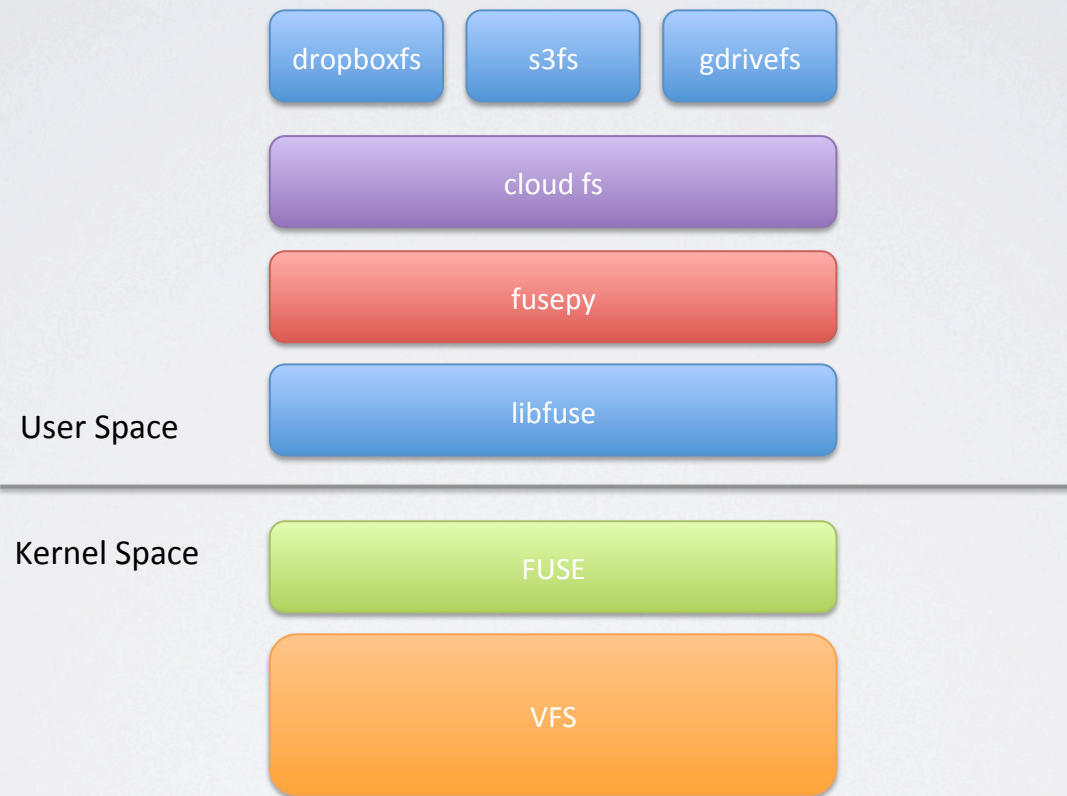
| Region: | US Standard | |
|----------------------|------------------|----------------------------|
| | Standard Storage | Reduced Redundancy Storage |
| First 1 TB / month | \$0.125 per GB | \$0.093 per GB |
| Next 49 TB / month | \$0.110 per GB | \$0.083 per GB |
| Next 450 TB / month | \$0.095 per GB | \$0.073 per GB |
| Next 500 TB / month | \$0.090 per GB | \$0.063 per GB |
| Next 4000 TB / month | \$0.080 per GB | \$0.053 per GB |
| Over 5000 TB / month | \$0.055 per GB | \$0.037 per GB |

- Free only for limited storage
- Is there a way to use many free cloud storages as one?

CLOUD FS



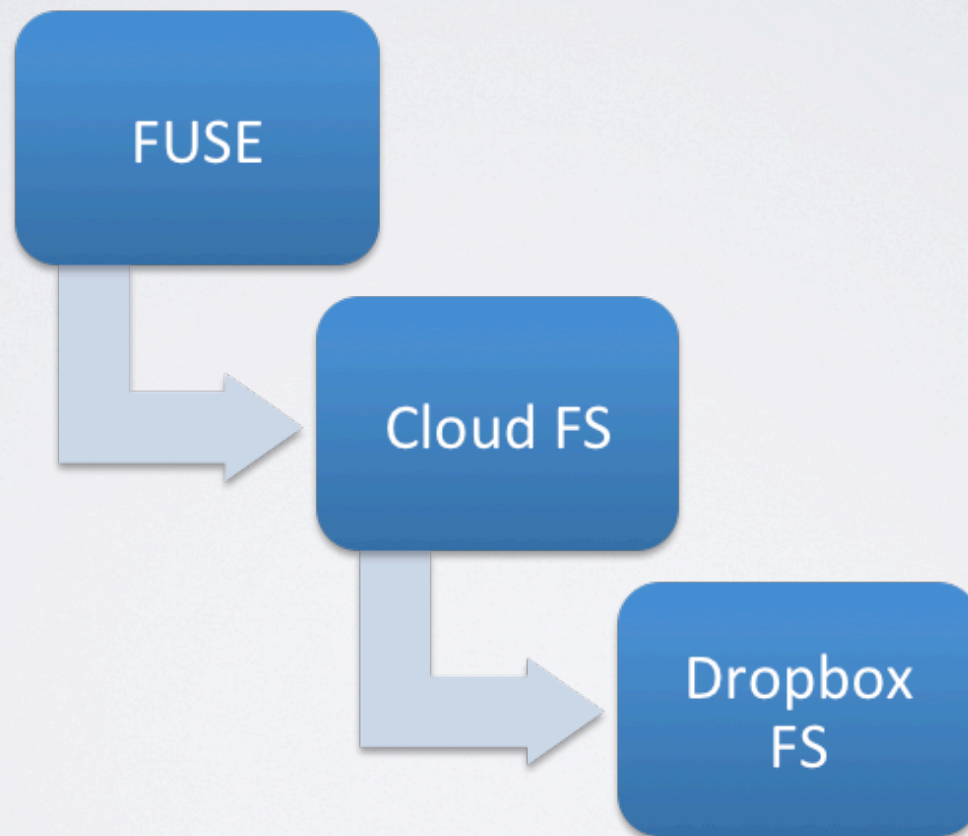
CLOUD FS ARCHITECTURE



USED TECHNOLOGY

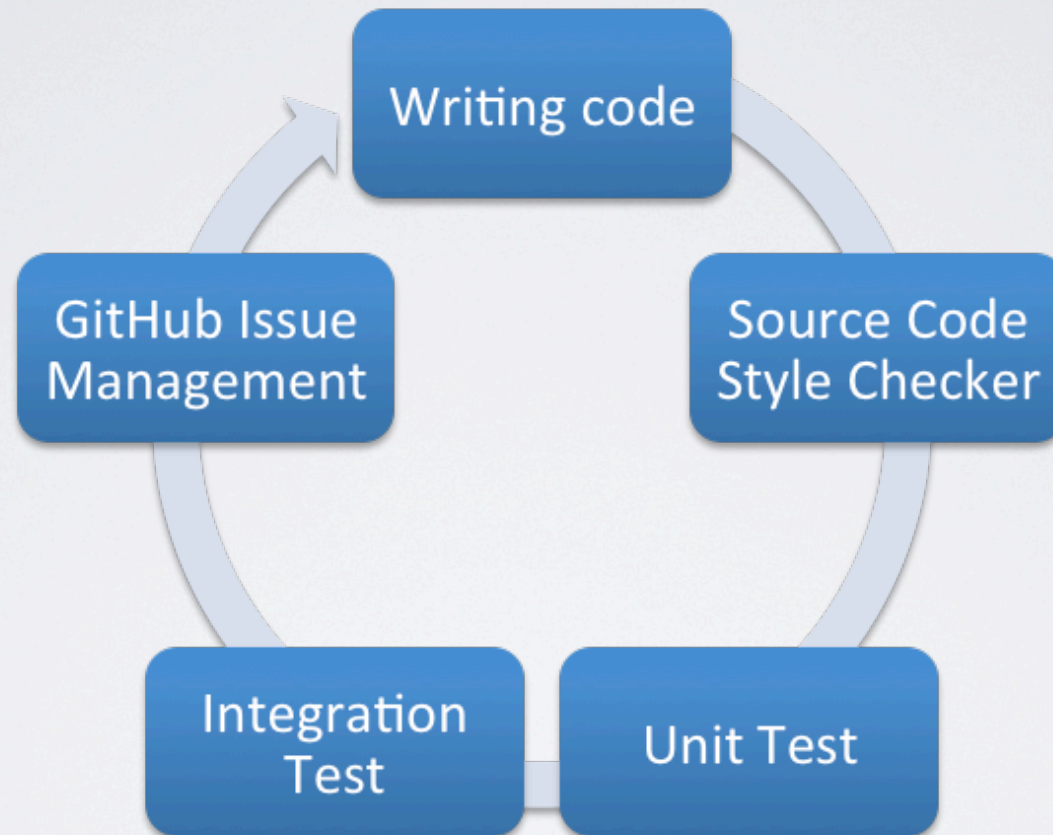
- FUSE
 - Loadable kernel module for users to create their own fs
- Python
 - Used python instead of c for fast development
- FUSEpy
 - FUSE python wrapper
- Dropbox SDK, Google Drive SDK, Amazon S3 SDK
 - SDK to connect cloud storages

CLOUD FS ARCHITECTURE



DEMO

DEVELOPMENT CYCLE



PROJECT TIMELINE

