



DURACLOUD™

An Introduction to DuraCloud

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Who are we?



Why cloud?

A style of computing where massively scalable IT-related capabilities are provided “as a service” using Internet technologies to multiple external customers.
(Gartner 6/08)

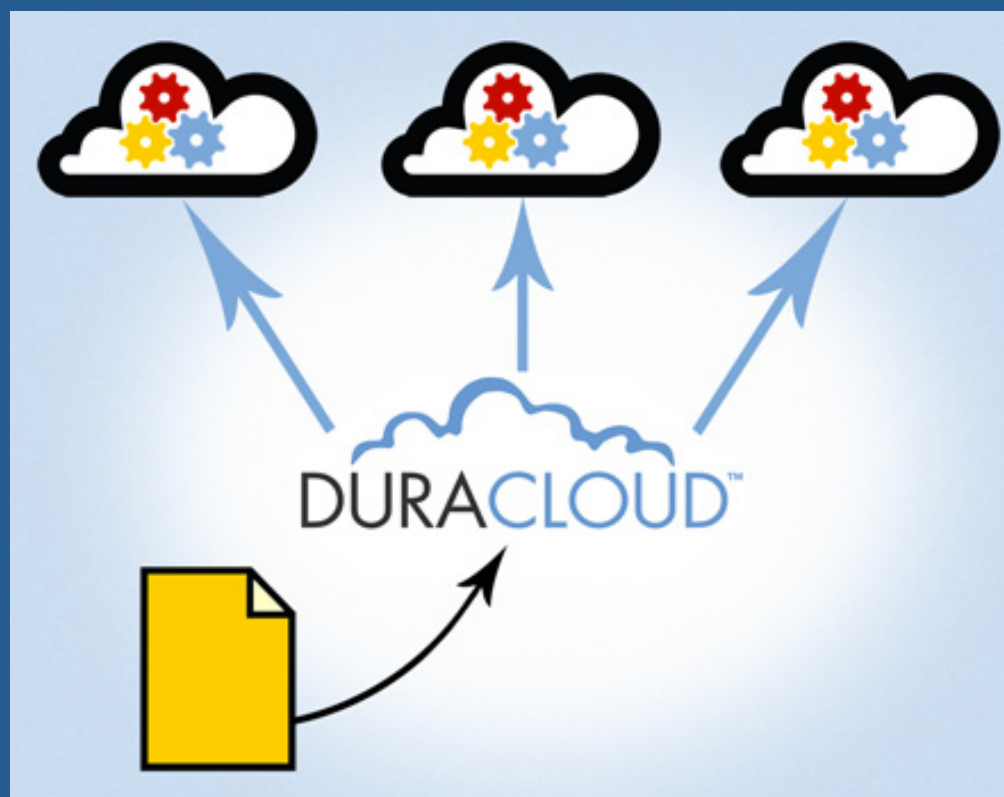


What is DuraCloud?

- Open technology *and* managed service that utilizes cloud infrastructure for preservation support and access services

✓ *Upload once and make multiple copies to various storage providers*

✓ *Access anywhere from any Internet connected device*

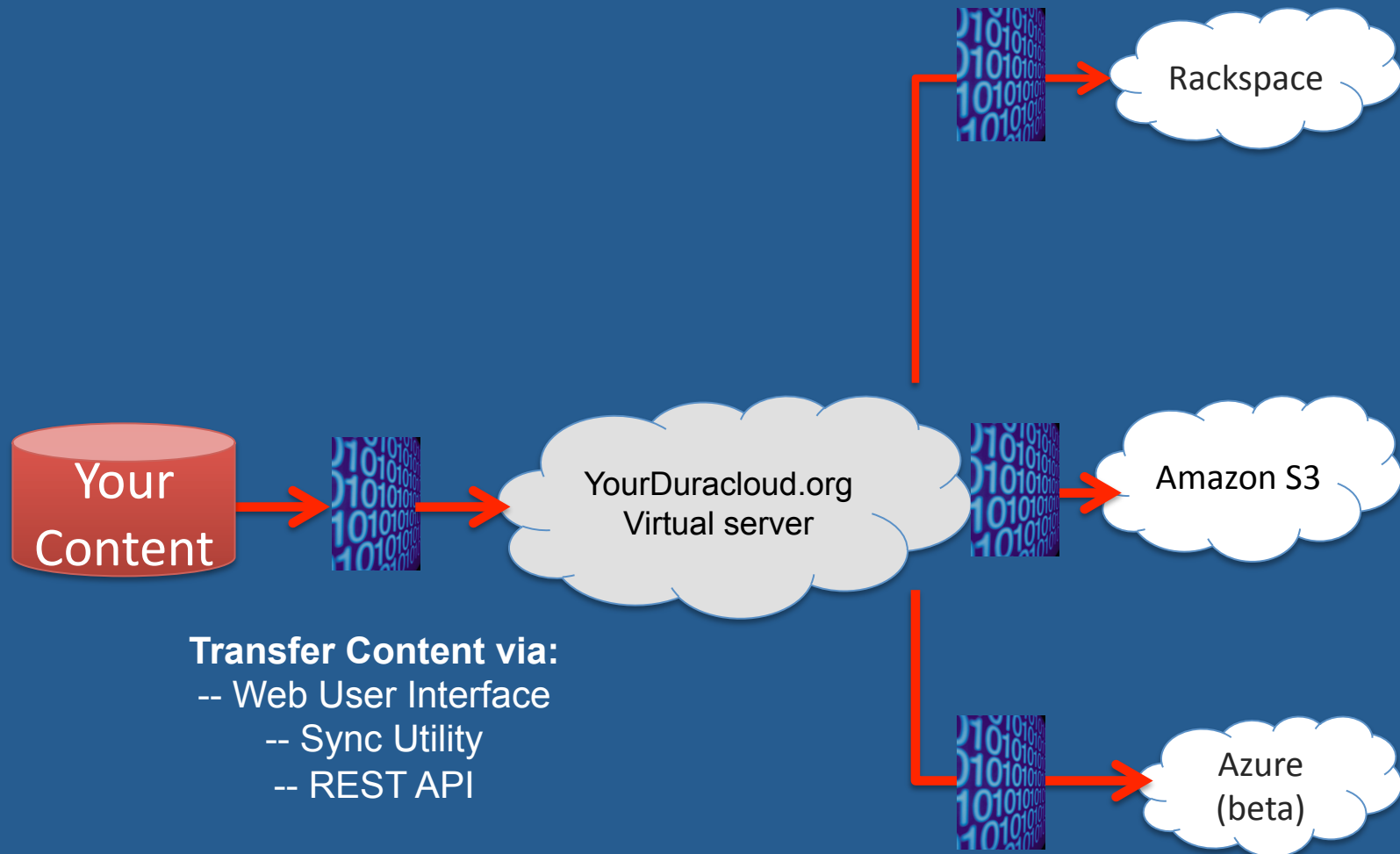


What are the benefits?

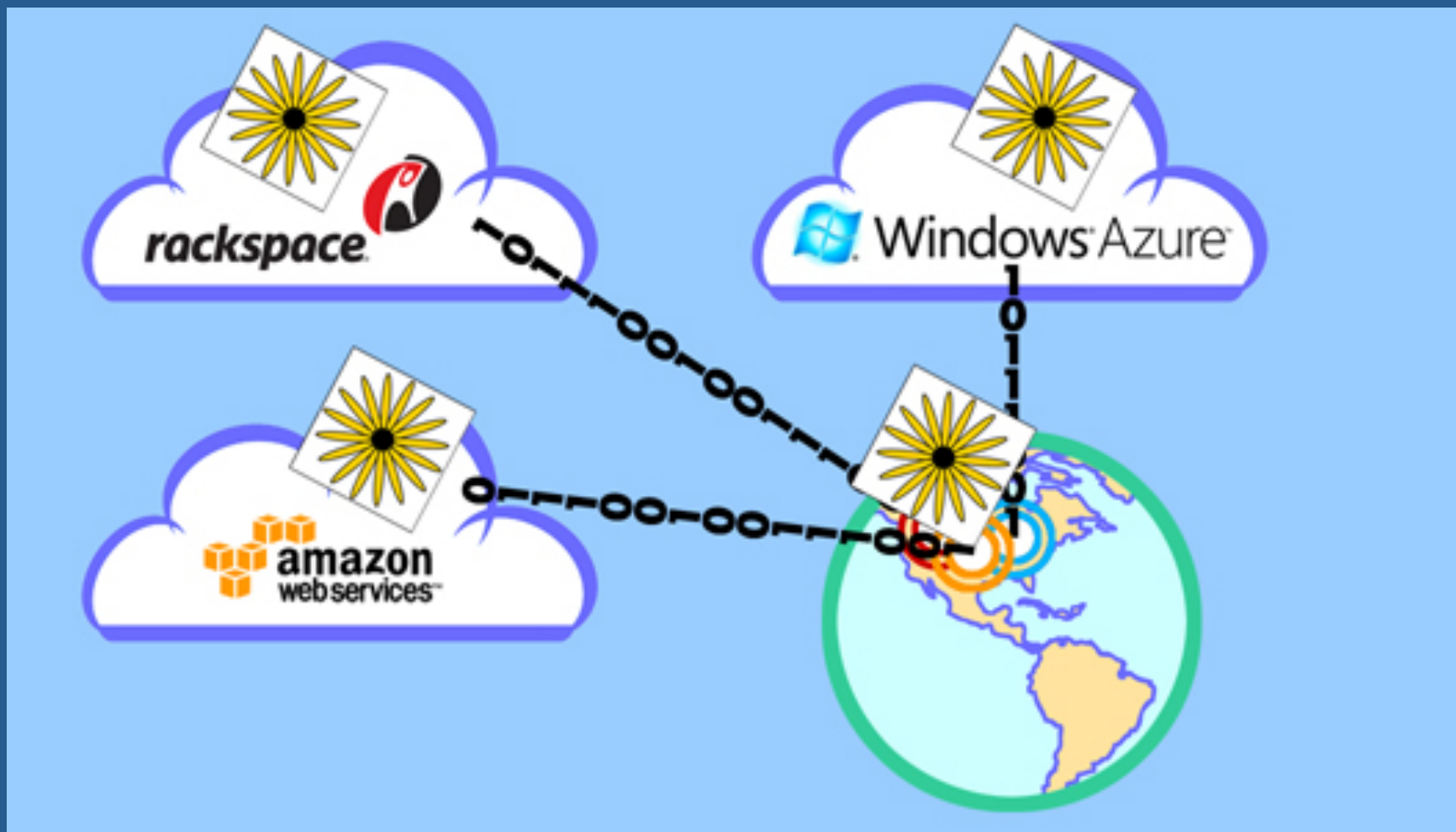
- Features
 - **Simple:** upload once and make multiple copies to various storage providers
 - **Hosted Service:** web-enabled, no client software needed
 - **Fully managed solution:** one unified interface across multiple providers
 - **Flexible:** built on highly scalable cloud platform
 - **Turnkey services:** preservation support and media access
 - **Open source platform**

DuraCloud offers a simple and scalable cloud-based solution to the problem of preserving digital files.

How does DuraCloud work?



How is my content synchronized?



What else can DuraCloud do?

Archiving and Preservation



Online Backup(s)



File Format
Identification



Bit Integrity
Checking



Duplicate on
Demand

Multimedia Access



Advanced
Image Viewing



Media Streaming

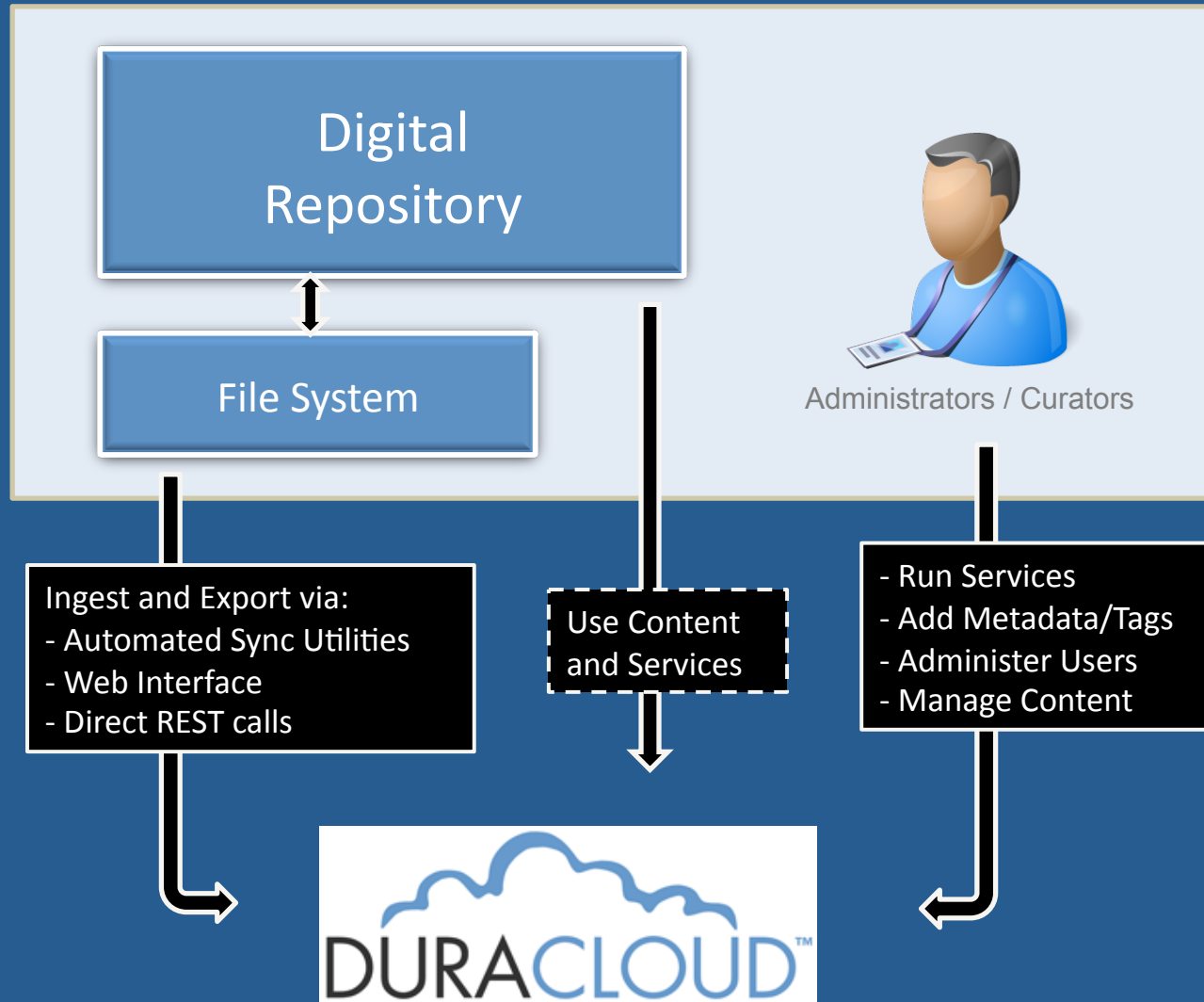


Image
Transformation

...more on the roadmap

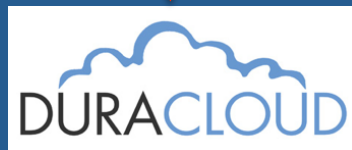
How do I use DuraCloud?

Organization Utilizing DuraCloud

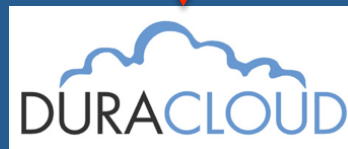


What does DuraCloud work with?

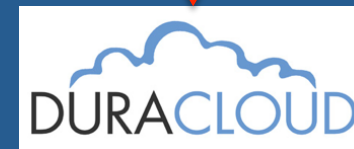
- DuraCloud is integrated with Fedora and DSpace repository platforms, and tested with ContentDM



DSpace
Replication
Task Suite



Fedora
CloudSync



What about an example?

- Retrieval of lost files (admin error)
- Replacement of damaged files
- Disaster recovery

Ingest

Submission files

DSpace

Database

Asset store

AIP

DuraCloud

Preservation services:

- monitoring
- file retrieval
- access
- integrity checking
- replication



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How can DuraCloud help me?

- ✓ Monitor integrity of stored content
- ✓ Ensure all copies of content are synchronized
- ✓ Detect bit corruption or loss
- ✓ Enable geographic distribution under multiple administrations
- ✓ Provision adequate hardware/software to support backup of services and content
- ✓ Process for storage/hardware change (migration)
- ✓ Avoid vendor lock-in
- ✓ Web access with ability to view/edit/delete and upload/download your archived content

Commercial Cloud Vendors vs. DuraCloud

Features	Commercial Cloud Vendors	DuraCloud
Online backup	✓	✓
Web access	✓	✓
Ability to upload/download content via web	✓	✓
File format identification		✓
Synchronization to multiple storage clouds		✓
Online sharing	✓	✓
File health checkup		✓
Media streaming	✓	✓
Advanced image viewing		✓
Image Transformation		✓
Open source software		✓
Community-share platform		✓

What are users saying?

- “DuraCloud delivers the benefits of a diverse network of storage locations, but without the overhead of managing different vendors.”

~ICPSR



- “The *ease-of-use* of DuraCloud is its most impressive feature.”

~Columbia



When will DuraCloud be available?

- Launches fall 2011
- Multiple service plans available
- Annual invoicing or monthly billing via credit card options

 **ADMINISTRATOR**

Login

Username

Password

Login

Duracloud Administrator Release v1.0.0-SNAPSHOT 460 | ©2011 DuraSpace.org | Duracloud.org | [Contact Us](#)



*Sign up for a free DuraCloud trial account at
http://duracloud.org/trial_account*







Where can I find out more?

The screenshot shows the DuraCloud website homepage. At the top is the DuraCloud logo and navigation links: Overview, Solutions, Features, and Learn More. A search bar is located to the right of the navigation. The main banner features a colorful mosaic background with the text "Store and do more" in large yellow letters, followed by "ON-DEMAND STORAGE AND SERVICES FOR YOUR DIGITAL CONTENT" in white. Below this, there's a section titled "WHAT USERS ARE SAYING". On the left, three circular icons with play symbols are labeled "FIND OUT MORE", "TRY IT", and "GET STARTED". To the right of these is a video player showing the DuraCloud logo. The footer contains four columns of links: News and Events, Spotlights, Open Source Community, and Customer Help and Support. At the bottom, it states "The DuraCloud open technology and hosted service is brought to you by DURASPACE" and includes a small line of text about its funding and licensing.


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Overview Solutions Features Learn More


Store and do more
ON-DEMAND STORAGE AND SERVICES FOR YOUR DIGITAL CONTENT

WHAT USERS ARE SAYING

 FIND OUT MORE

 TRY IT

 GET STARTED



News and Events
4-hr Dropbox glitch left a security hole in its #cloud storage service. Any PW could to log into any of 25M user accts http://bit.ly/muPUCE
1 of 78 »

Spotlights
A 19th Century View of Shakespeare Through the Cloud
A Quick Analysis with a Side of Data
Easy Cloud Access for Collection Managers and Curators
One Night in Civil Rights History

Open Source Community
Why Open Source?
Discussion Forum
Documentation
Issue Tracker
Latest Release

Customer Help and Support
Contact Us
Pricing
Newsletter Sign-Up
Documentation

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Powered by Fedora, Islandora and Discovery Garden | Licensed under Creative Commons Attribution-Share Alike 3.0 Unported License | Site Map

- Web site:
www.duracloud.org
- Email:
csmith@duraspace.org

*Contact me if
interested in a
live DuraCloud
demo session.*