

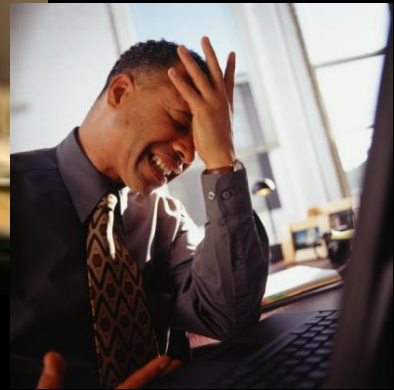
DuraCloud for Research

Jonathan Markow
OR12 - Edinburgh
10 July 2012

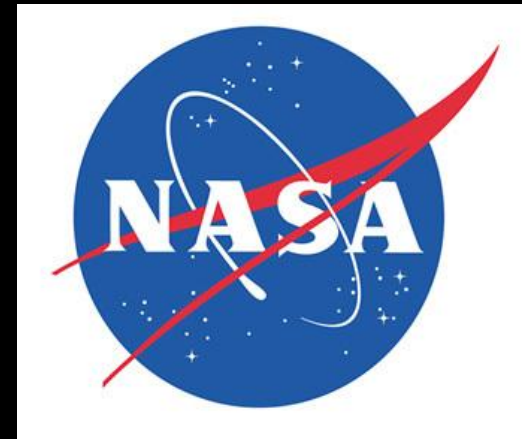
Unhappy Researchers :-)



It's Gone Forever!



DMP Mandates



INTERNET



Internet2, 16 Major Technology Companies Announce Cloud Service Partnerships to Benefit the Nation's Universities

Internet2 NET+ Services expand to help universities address research, education, big data and innovation challenges

Arlington, VA—April 24, 2012—Internet2 and some of the nation's most prominent high-tech firms announced today partnerships that would expedite the delivery of cloud services to college campuses

to address research, big data and innovation challenges. Internet2, the world's most advanced consortium led by the U.S. research and education community, is pleased to be joined by **Aastra; Avaya; IC; Dell; Desire2Learn; Duo Security; DuraSpace; Evogh; HP; Level 3 Communications; Merit Network; Microsoft; Savvis, a CenturyLink Company; SHI International; and The Solution Design Group**. The Internet2 NET+ Services' announcements were made at the [Spring 2012 Internet2 Member Meeting](#). The complete list describing each new service offering follows this release.

"These partnerships are customized to meet the needs of the Internet2 community and these offerings range from proof-of-concept, early adopter and general availability," said Dave Lambert, Internet2 CEO and President. "The United States is able to offer this level of collaboration between higher education and the technology industry to provide these strategic cloud services to effectively and efficiently advance research, innovation and the education of the nation's leading universities."



Smithsonian

DURA
SPACE™

Advisors and Participants

- Cornell
- George Washington
- Georgia Tech
- Harvard
- ICPSR
- Johns Hopkins
- MIT
- NCAR/UCAR
- Oregon State
- Rice
- Smithsonian
- U of Oregon
- U of Prince Edward Island
- U of Virginia
- Fluid Project
- DuraSpace



DfR Principles

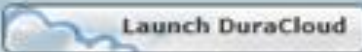

- Open source, enterprise software solution
- Capture data close to the source
- Don't interfere with researchers' processes
- Provide incentives, added value for metadata creation
- Easy to use; workflows for collaboration, hand-off to institution

Management Console

Active Accounts

Demo Account

Status: ACTIVE

Host Name		Version	Status
demo.duracloud.org		2.0.3	running 

DuraCloud Dev

Status: ACTIVE

No instance associated with this account.

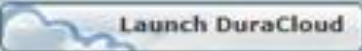
DuraSpace Corporate

Status: ACTIVE







Host Name		Version	Status
duraspacecorp.duracloud.org		2.0.3	running 



Syncing

Active Uploads

25M of 50M	chateau-des-redwoods.mov
25M of 50M	chateau-des-redwoods-b.mov
25M of 50M	chateau-des-redwoods-long...

Recent Activity: Bytes and Files Over

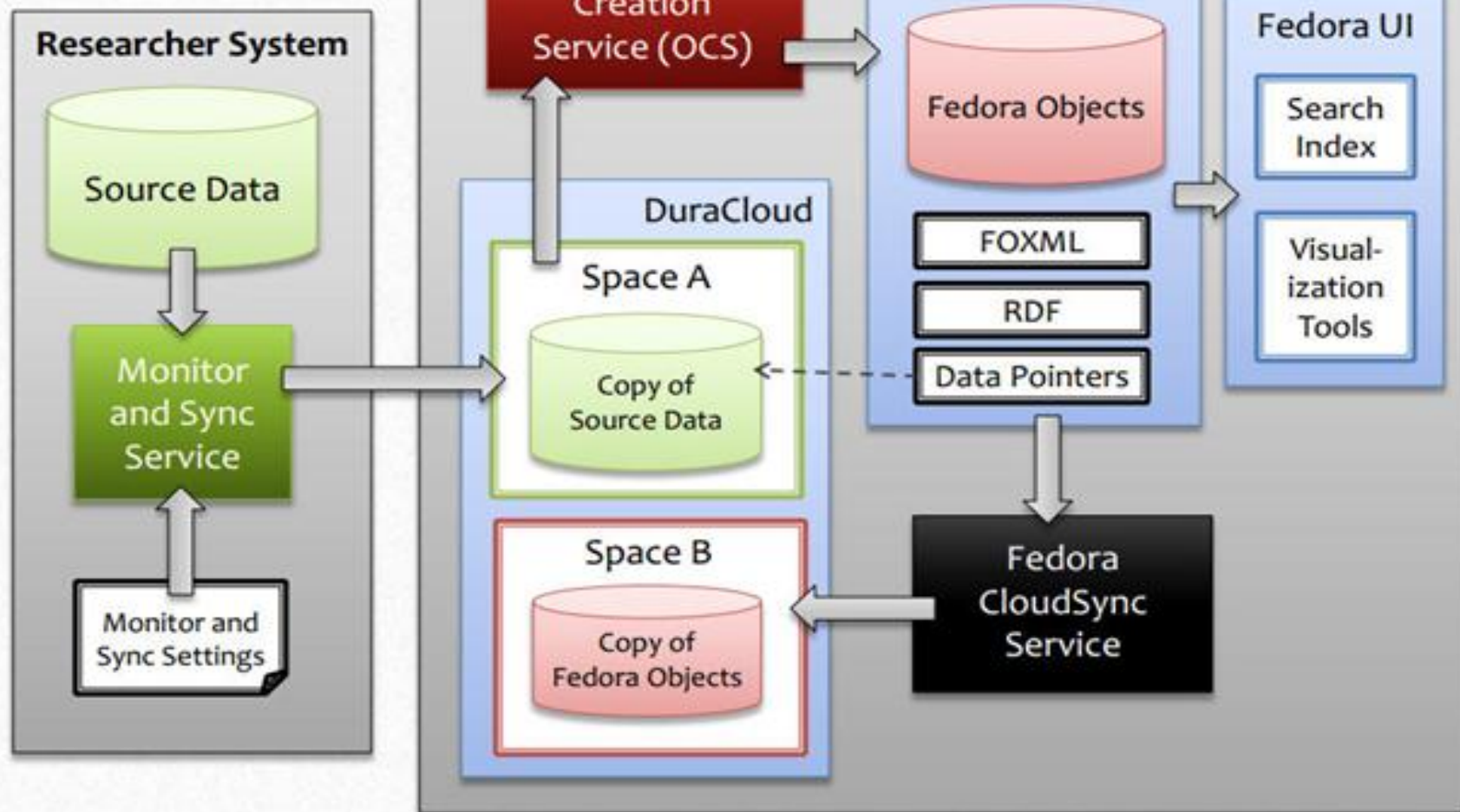


Queued for Synchronization

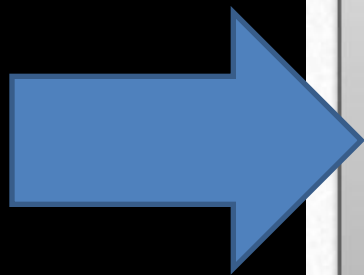
Next 6 of 152 Files Remaining

File Path	Size	Created Date	Last Modified Date
/Users/danny/movies/programming-in-nature-1.mov	25 MB	11/12/2012 02:00 PM	11/12/2012 02:00 PM
/Users/danny/movies/programming-in-nature-2.mov	25 MB	11/12/2012 02:00 PM	11/12/2012 02:00 PM
/Users/danny/movies/programming-in-nature-3.mov	25 MB	11/12/2012 02:00 PM	11/12/2012 02:00 PM
/Users/danny/movies/programming-in-nature-4.mov	25 MB	11/12/2012 02:00 PM	11/12/2012 02:00 PM
/Users/dannu/movies/programming-in-nature-5.mov	25 MB	11/12/2012 02:00 PM	11/12/2012 02:00 PM

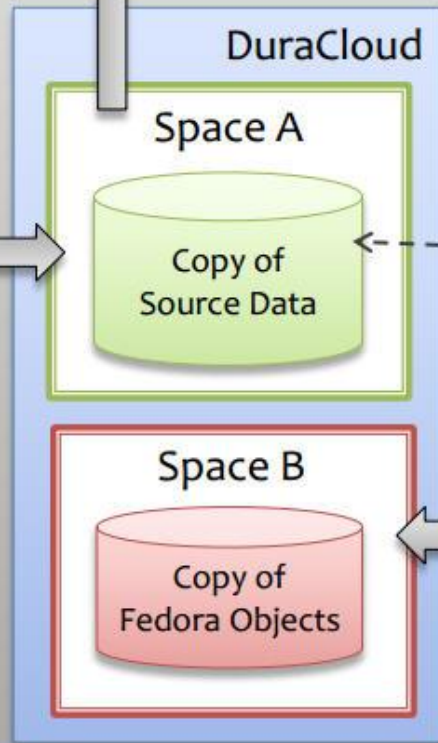
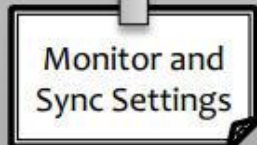
DuraCloud for Research Architecture Sketch

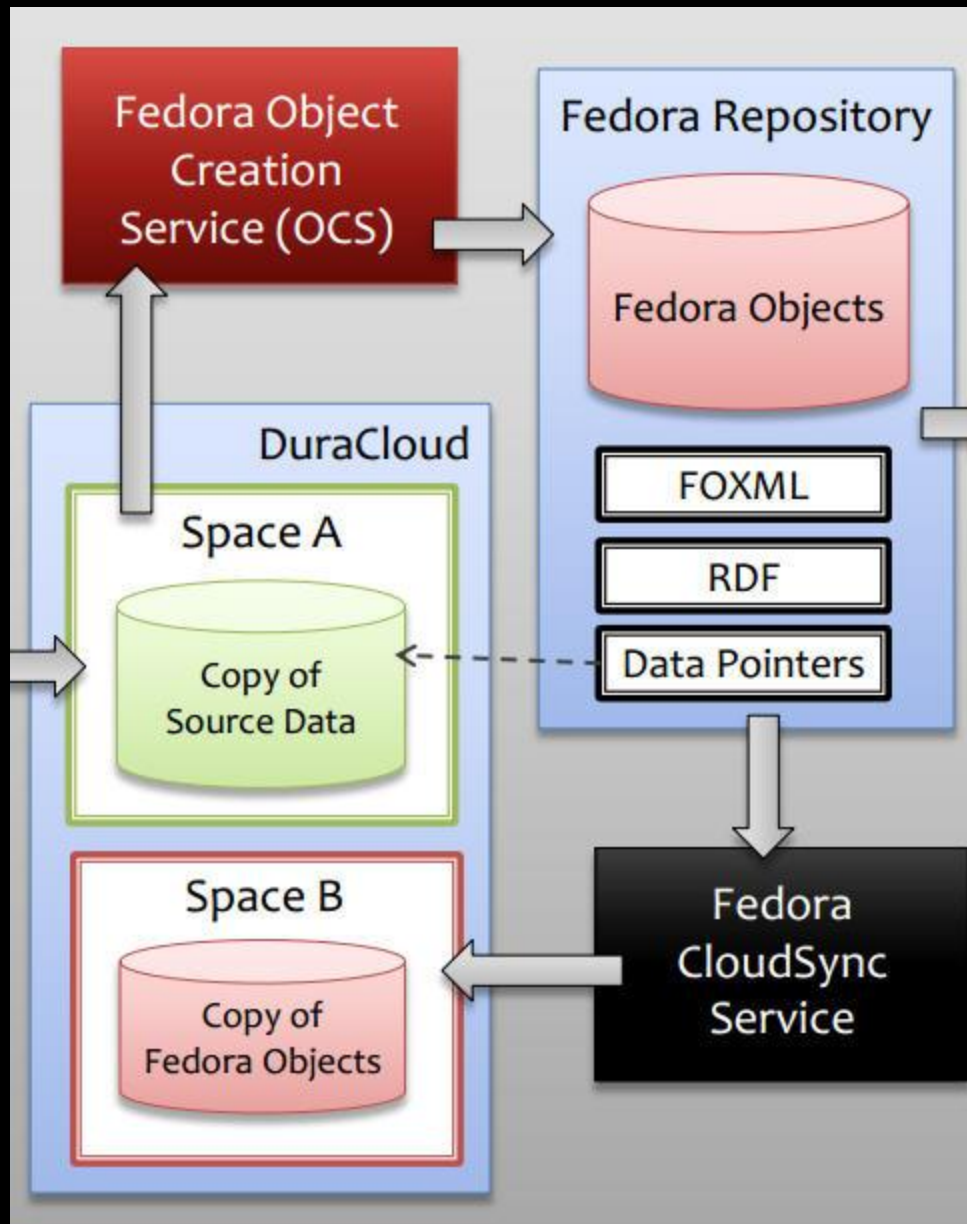


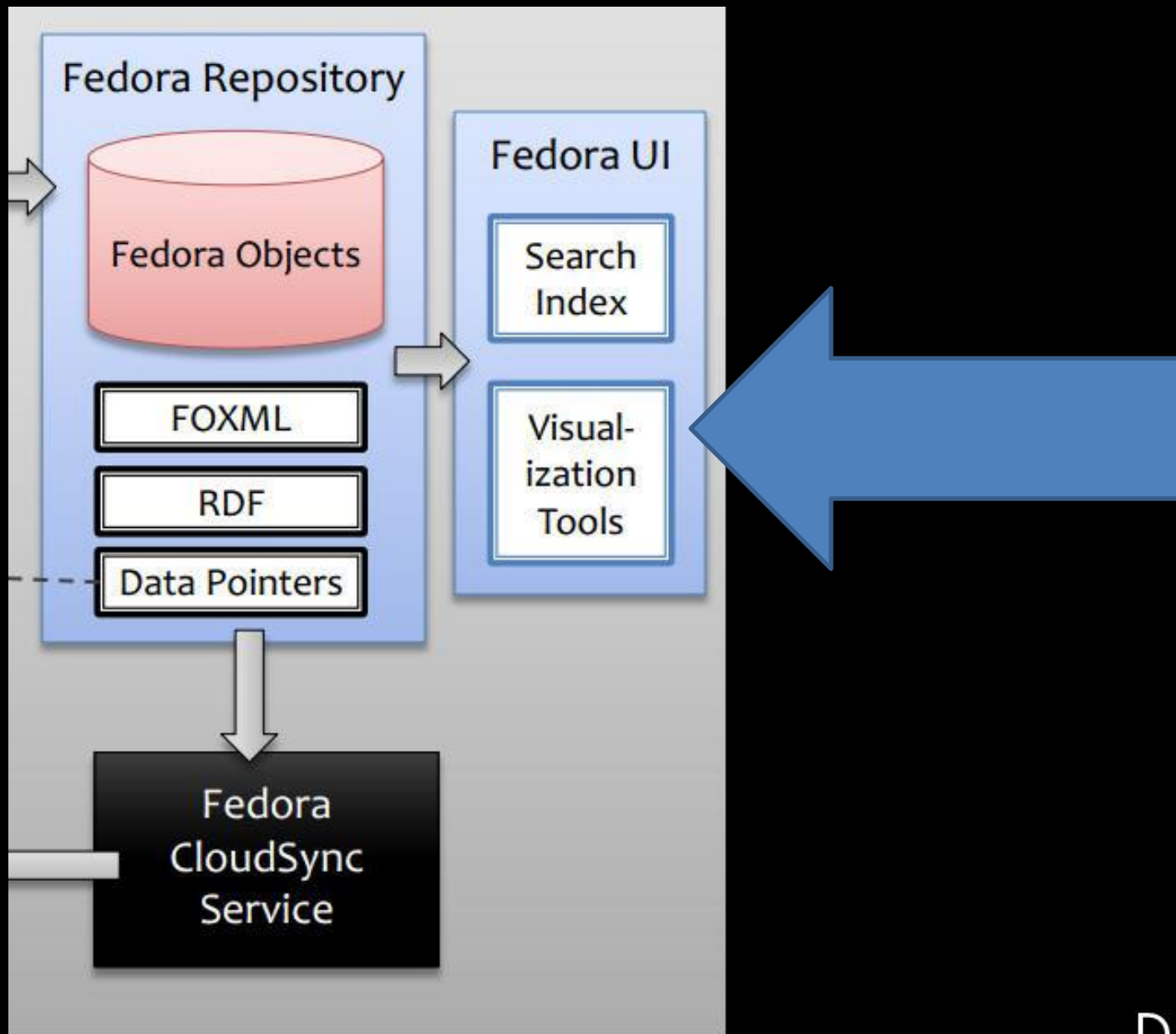
DuraCloud for Research Architecture Sketch



Researcher System







[Repository Home](#)[Advanced Search](#)[Help](#)

HOME

Smithsonian Repository Smithsonian Root Project

Projects

- ▷ Fieldbooks (8)
- ▷ Organizations (29)
- ▷ People (552)
- ▲ Researcher Projects (34)
 - ▷ Erin O'Halloran (4)
 - ▷ Kristian's Test Project (4)
 - LiuF Projects
 - ▷ Mark Leggott (9)
 - ▷ Paul Pound Projects (38)
 - ▷ bstern Projects (2)
 - ▲ bstern Projects (7)
 - ▷ BioGeoChemistry Lab (3)
 - ▷ CO2 and Plant Physiology Lab...
 - ▲ Cerro Juan Diaz (9)
 - ▷ Locker Pits (4)
 - ▷ Operacion 3 (19)

Concept Overview Resources Viewer Manage

[Edit Metadata](#)[Add a new Concept](#)[Exhibit](#)[Edit Permissions](#)[Delete](#)

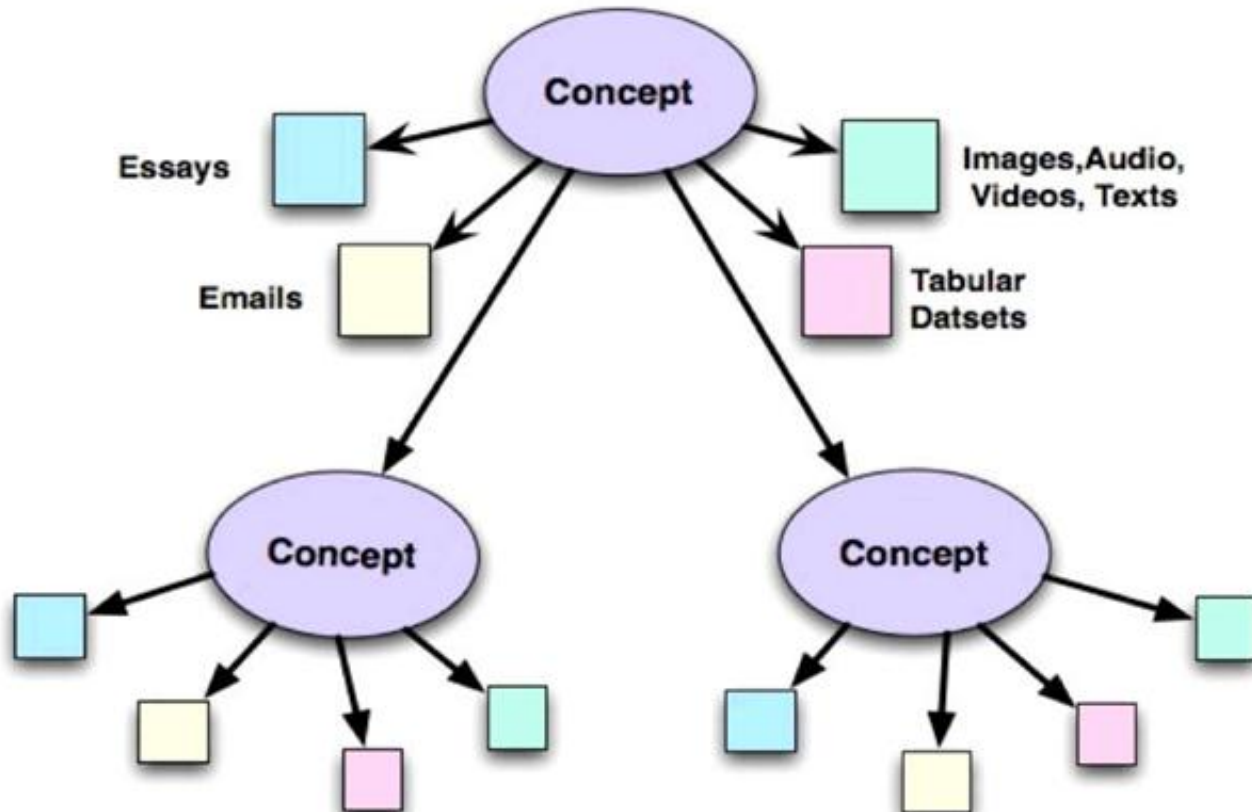
EAC-CPF

Maintenance Status	new
Agency Name	Smithsonian Tropical Research Institute
Event Type	created
Event Datetime	03/07/2012
Agent Type	human
Agent	b stern
Event Description	initial creation of CJD project
Entity Type	corporateBody
Name (Primary)	Cerro Juan Diaz
Name (Abbreviation)	CJD

Cerro Juan Diaz is a site within a cultural region, which itself belongs to a much large



Research Project



Smithsonian Repository

Operacion 3

Projects

- ↳ Erik O. Nisvoran (2)
- ↳ Kristian's Test Project (4)
- ↳ UuF Projects
- ↳ Mark Leggott (9)
- ↳ Paul Pound Projects (38)
- ↳ bsterm Projects (2)
 - ↳ A new test image collection (8)
 - ↳ Studying the impact of Elevat...
- ↳ bsterm Projects (7)
 - ↳ BioGeoChemistry Lab (3)
 - ↳ CO2 and Plant Physiology Lab...
- ↳ Cerro Juan Diaz (9)
 - ↳ Looter Pits (4)
 - ↳ Operation 3 (19)
 - ↳ Orde of oval stone-line...
 - ↳ Early Tombs (5)
 - ↳ Feature R 1 - Tomb...
 - ↳ Feature R 16 - Tomb...
 - ↳ Feature R 2 - Tomb...
 - ↳ Feature R 26 - Tomb...
 - ↳ Feature R 94 - Tomb...
 - ↳ Feature R 94 - Tomb 94...
 - ↳ Late Graves (1)
 - ↳ Shell Midden (1)

Concept Overview Resources Resource Overview Viewer Manage

[Edit Metadata](#)
[Add a new Concept](#)
[Exhibit](#)
[Edit Permissions](#)
[Delete](#)

FGDC

Title Feature R 94 - Tomb 94

Abstract

Feature 94 was used twice. In the bottom of the shaft were the scattered remains of an adult on the same level as ninety-odd pearl oyster pendants cut into geometric shapes. Later, a primary flexed burial of a twenty - to twenty-five year old woman was put in the same shaft. She was placed on top of a broken legged metate and fragments of three ceramic bowls, which had been intentionally smashed before being deposited in the grave. A long tailed shell anuran was placed alongside her. A single gold bead was found in feature 94's fill. Perhaps it was strung together with the mother of pearl ornaments. Feature 16 and 94 were disturbed by oven Features 23 and 88. Other field evidence suggests that Feature 1 and 2 were also constructed before the ovens. The stones in the centers of the ovens were laid into a .5 m thick reddish clay lining. Source - Pre-Columbian Gold, British Museum Press, 2000

Progress In Work

Update Continually

Security Classification Sensitive

Link to another Concept:

Link this object to a concept by typing another objects title

[Associate](#)

This item has these parents:

Early Tombs

Operacion 3

Sub Unit 7

Feature R 94 - Tomb 94

Title	Feature R 94 - Tomb 94
Abstract	Feature 94 was used twice. In the bottom of the shaft were the scattered remains of an adult on the same level as ninety-odd pearl oyster pendants cut into geometric shapes. Later, a primary flexed burial of a twenty - to twenty-five year old woman was put in the same shaft. She was placed on top of a broken legged metate and fragments of three ceramic bowls, which had been intentionally smashed before being deposited in the grave. A long tailed shell anuran was placed alongside her. A single gold bead was found in feature 94's fill. Perhaps it was strung together with the mother of pearl ornaments. Feature 16 and 94 were disturbed by oven Features 23 and 88. Other field evidence suggests that Feature 1 and 2 were also constructed before the ovens. The stones in the centers of the ovens were laid into a .5 m thick reddish clay lining. Source - Pre-Columbian Gold, British Museum Press, 2000
Progress	In Work
Update	Continually
Security Classification	Sensitive

Resources

Limit by type

[All](#) | [Images](#) | [PDF](#) | [Text](#) | [CSV](#) | [Video](#)

Results per page

[25](#) | [50](#) | [75](#) | [100](#) | [200](#)

Showing 1 - 6 of 6

Title	Metadata	View	Type	Download
	view			
R16cirueloplates.jpg	view		PDF	download
cjd-tomb94.JPG	view		PDF	download

SI Navigation

Parent concepts

[Sub Unit 7](#)

[Operation 3](#)

[Early Tombs](#)























Child concepts

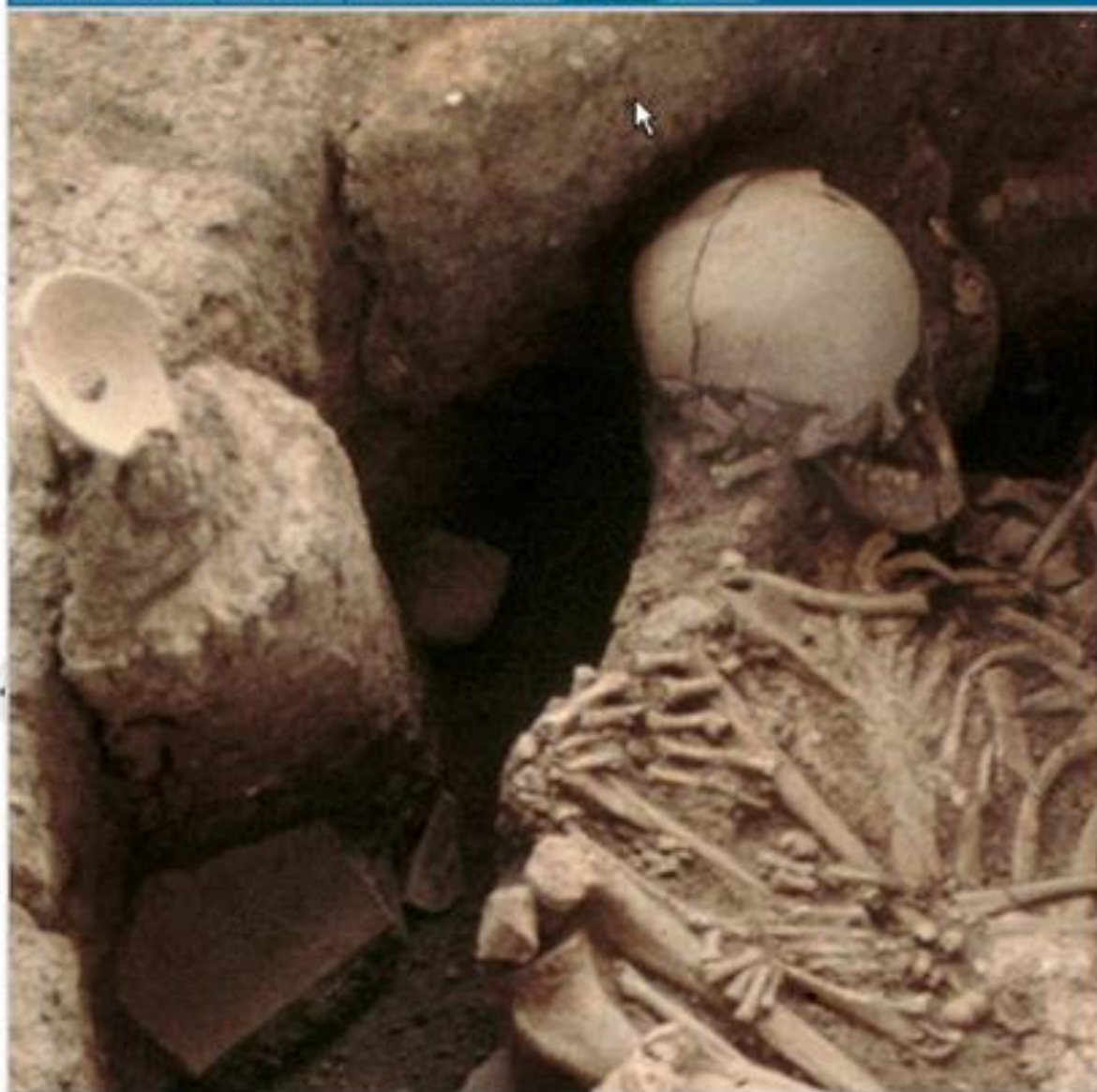
[Ciruelo Black-on-Red Bowl](#)

[Ciruelo Black-on-red Plate](#)

[Guabillo Black-on-White bowl](#)

[Long-tailed Frog](#)

- ▶  Erin O'Hairan (4)
- ▶  Kristian's Test Project (4)
- ▶  Liuf Projects
- ▶  Mark Loggott (9)
- ▶  Paul Pound Projects (38)
- ▶  bstern Projects (2)
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 - ▶  Looter Pits (4)
 - ▶  Operacion 3 (19)
 - ▶  Circle of oval stone-line...
 - ▶  Early Tombs (5)
 - ▶  Feature R 1 - Tomb ...
 - ▶  Feature R 15 - Tomb...
 - ▶  Feature R 2 - Tomb ...
 - ▶  Feature R 25 - Tomb...
 - ▶  Feature R 94 - Tomb...
 - ▶  Feature R 94 - Tomb 94...



DuraCloud for Research

- ✓ Project data safely backed up at the source
- ✓ Metadata captured and enhanced
- ✓ Cloud-based services for management, analytics
- ✓ Partnership with data managers/curators
- ✓ Preservation in the cloud

Happy Researchers!



SPACE™

Next...



- More iterative development
- Evolving prototypes
- User Focus
- Expanding group of participants
- First production prototype at end of 2012 (Four interim releases throughout the year)

Questions: jjmarkow@duraspace.org