Rosetta Product Update

Agenda

- What is Rosetta?

- Roadmap Focus Areas

- Rosetta Community

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What is Rosetta ?

Rosetta is a complete **digital asset management** and **digital preservation** solution managing the **full life-cycle** of **any type of content** from **deposit** to **delivery**

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Built in Close Collaboration with the User Community

Based on International Standards

Rosetta Advisory Group
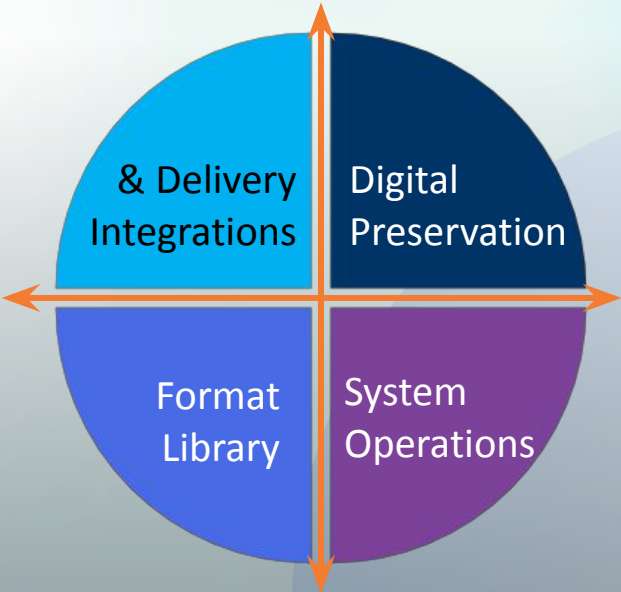
Research and Collaboration

Community – Driven Knowledge Base

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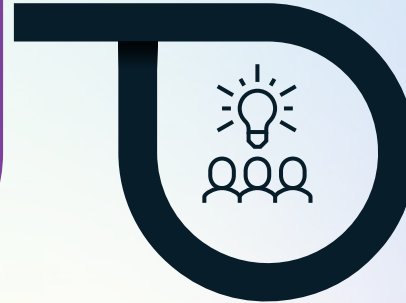
Rosetta Community Activities

& Delivery Integrations

Digital Preservation

Format Library

System Operations

Active Working Groups

Annual user group meetings

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Rosetta for Small to Large Institutions

Hosting Rosetta at Ex Libris' cloud

Full Rosetta feature depth
+
Ex Libris cloud benefits

Rosetta @ DP Community

Recent Highlights

Structural IEs - Background

Relationships between entities are an essential piece of preservation metadata now managed in Rosetta

All structure-related actions are recorded as provenance events

PREMIS 3 Conformance

Structural IEs – The Power of Community

Working groups

Gathering use cases, defining requirements

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Designing multi-phase Structural IEs. WGs providing feedback

Working groups and EXL

Testing hosted version with sample data, providing feedback

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Structural IEs – Use Cases

Box of photos or a CD of images	Series of time-based images such as a building construction over a series of years	Series of letters	Digital archive with multiple DVDs with each DVD containing mail folders, images folders, word documents

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v7.3 – Preservation: Validation Stack Overhaul

Split file validation and extraction

Support integration of different tools for technical metadata extraction and format validation

JH♦VE

veraPDF

PDF

Metadata Extraction

File Validation

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v7.3 – Data Management: Full-text Generation

Plugin-based task to extract full-text from files

OTB: TIKA / Tesseract for image and textual files

Tesseract

Publish

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Rosetta Roadmap

Release Plan

June '22	December '22	June '23	October '23
7.3	7.4	8.0	8.1

June	December	June	December
2022	2022	2023	2023

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Version 8.0 and beyond

Structural IEs

Data Management:
REST APIs, Next-gen, responsive delivery service
Enhanced S3 Integration

Preservation:
Multiple format identifiers
Bulk Risk Assignment

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Version 8.0 - Structural IEs

- Tree View

- Policy Management – Access Rights and Retention

- Quick Add of Structural IE

- Sort routines

- Discovery via Primo

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8.0 - Preservation

Multiple file format identification

DROID runs as default format identification tool	Extra format identification tool can be added	Metadata about format ID and relevant events are stored in DNX

DROID

SIEGFRIED

TIFF

Format Identification

Format Identification

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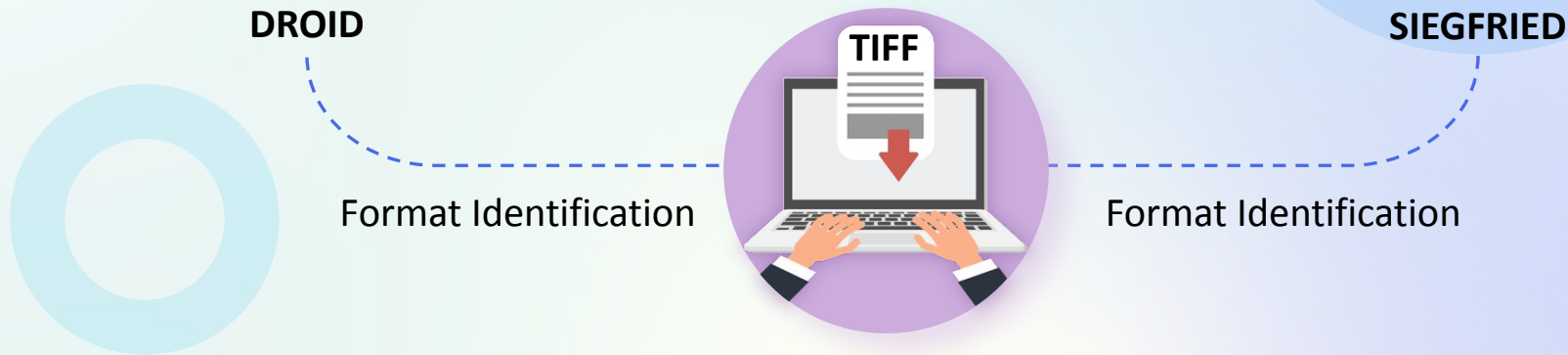
REST APIs

Multi-stage epic for migrating all SOAP APIs to REST, following work done with an APIs focus group

{ REST }

Improved interoperability

Improved documentation

Granular responses

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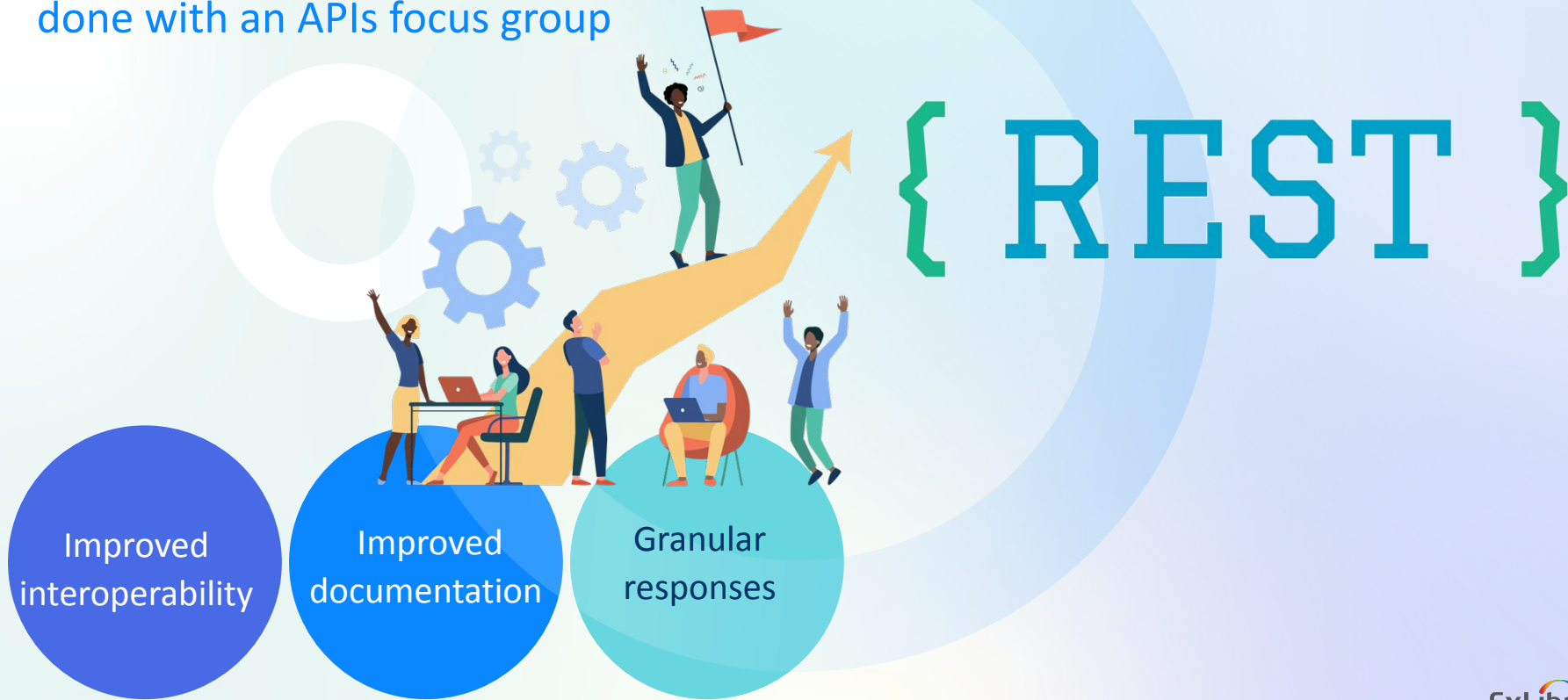
S3 Storage Enhanced Support

S3 for permanent storage – cloud (AWS) or local (object storage)

MD5 and other fixity validation

CURRENT

S3

PLANS
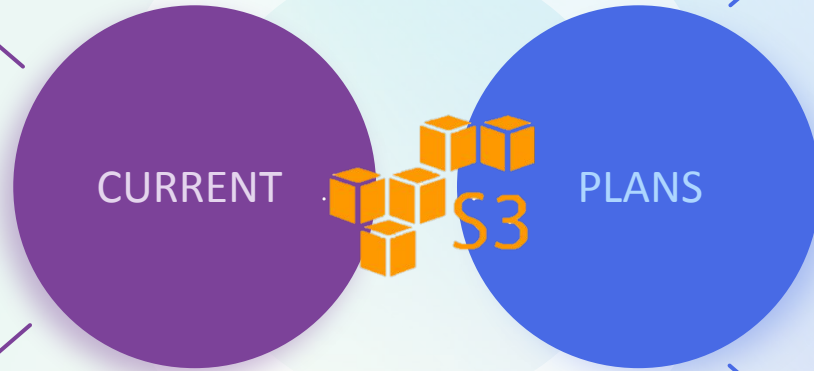
S3 for operational storage

Deposit via S3

Direct delivery from S3

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Delivery – Redesigned Viewer

Fully customizable IE viewer

New look and feel based on work with UX experts

Responsive design for mobile platforms

Community Update

Rosetta Community

Institution Types

National & Subject Libraries
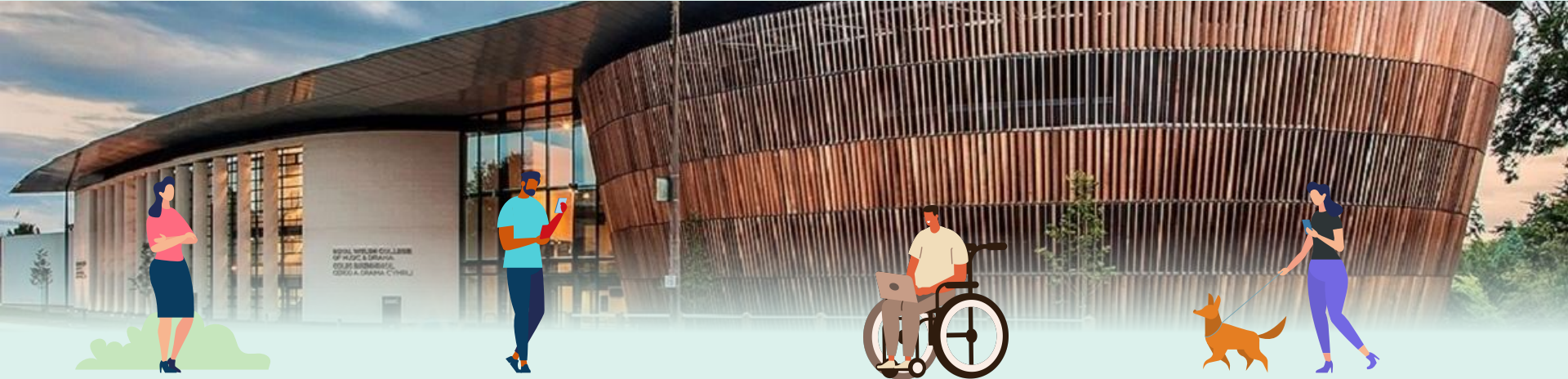

State Libraries

Academic Institutions

Archives, Governmental, Public Libraries & Cultural Heritage

Thank you!