

# Managing and Preserving Research Data in Ex Libris Rosetta

Adi Alter  
Ex Libris  
Bldg. 8-9 Malcha Technological Park  
Jerusalem, 91481  
972 2 649 9320  
Adi.Alter@exlibrisgroup.com

Ido Peled  
Ex Libris  
350 E Touhy Avenue, Suite 150 W  
Des Plaines, IL 60018  
1 617 332-8800  
Ido.Peled@exlibrisgroup.com

## ABSTRACT

In this demonstration we will show how Ex Libris Rosetta addresses the challenges of research data management and curation.

## General Terms

Institutional opportunities and challenges; Infrastructure opportunities and challenges; Frameworks for digital preservation; Preservation strategies and workflows; Innovative practice.

## Keywords

DAM; Preservation; Research Data; Research Data Management; Ex Libris; Rosetta.

## 1. INTRODUCTION

Universities now require the life-cycle management of research-related institutional outputs dealing with data from creation to dissemination in a way that ensures compliance with regulations and funding bodies' requirements for the management, protection and sharing of research data.

Many libraries have taken the initiative to help curate research data but lack supporting solutions. In this demonstration we will show how Ex Libris Rosetta provides end-to-end workflows for data curation and archiving of research-related content produced by the institution's research community.

## 2. DEMO CONTENT

We will discuss the challenges of research data management and curation and will show how Rosetta's innovative open and extendable solution addresses these challenges and is capable of handling any format type produced by researchers, including propriety, diverse and sometimes unrecognized formats, unstructured metadata handling and more.

We will also demonstrate how Rosetta is a research data curation system, with features that deal – for example – with ensuring data integrity, controlling accessibility, recording the impact and traceability of published content, taking into account privacy enforcement, and more. On top of this we will demonstrate preservation strategies in action and show how risks are identified and migration processes are executed on content in risk.

In addition, we will show how Rosetta is dealing with some of the biggest challenges of research data management, like handling gigantic files and huge number of files in a single deposit, addressing the needs of diverse and ad-hoc access rights and policies, handling multiple metadata standards and file formats, and much more.

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