Rosetta Advisory Group
7th Annual Meeting

June 7-8, 2016
New York City

This Year's Theme:
Rosetta and the
Emerging Trends and Challenges
in Digital Preservation

Tuesday, June 7th

09.00 – 09.30	**Registration & Coffee** The meeting will take place at Kimmel Center for University Life, 60 Washington Sq. South, New York City, Hall 914
09.30 – 09.50	**Welcome Greetings on behalf of the Rosetta User Group,** Steve Knight, Programme Director Preservation Research & Consultancy, National Library of New Zealand and Chair of the Rosetta User Group **Welcome Greetings and Ex Libris Corporate Update**, Matti Shem-Tov, President, Ex Libris
09.50 – 11:00	**Keynote Presentation – Digital Transformation at Cooper Hewitt, Smithsonian Design Museum**, Micah Walter, Director of Digital & Emerging Media at Cooper Hewitt, Smithsonian Design Museum in New York City
11.00 – 11.20	Coffee Break
11.20 – 12.10	**Rosetta Product Update and Roadmap**, Dvir Hoffman, VP Product Management and Marketing, Ex Libris and Adi Alter, Rosetta Product Manager, Ex Libris
12.10 – 12.40	**Applied Rosetta**, Oren Bet-Arie, Chief Strategy Officer, Ex Libris
12.40 – 13.40	**Lunch** Lunch will take place at the Kimmel Center, halls 405/406
13.40 – 14.10	**Fitting Rosetta to the Circumstances**, Teresa Soleau, Digital Library Specialist, Getty Research Institute and Jennifer L. Thoegersen, Data Curation Librarian, University of Nebraska-Lincoln
14.10 – 14.30	**Efficient and Secure Deposit of Data Objects**, Hadar Miller, CIO, National Library of Israel
14.30 – 14.50	**Opening Library Collections to the Public**, Hadar Miller, CIO, National Library of Israel

14.50 – 15.20	**Preservation, Provenance, and Rosetta,** Steve Knight, Programme Director Preservation Research & Consultancy, National Library of New Zealand
15.20 – 15.40	**Coffee Break**
15.40 – 16.10	**Rosetta Proof of Concept: A Strategic Case Study Session,** Prashant Pandey, Director Content Development, State Library of Queensland
16.10 – 16.30	**Micro and Macro Services in a Digital Preservation Environment**, Chris L. Erickson, Digital Preservation Officer, Brigham Young University
16.30 – 17.00	**Integrating Alma and Rosetta at the National Library of New Zealand**, Kirsty Smith, NDHA Analyst, Preservation Research & Consultancy, National Library of New Zealand and Opher Kutner, Rosetta Business Analyst, Ex Libris
17.30 – 18.15	**Tour of the Elmer Holmes Bobst Library, New York University**
18.45	**Dinner** Dinner will take place at OTTO Enoteca e Pizzeria, 1 5th Ave, New York

Wednesday, June 8th

09.00 – 09.45 **Rosetta Operations Highlights,** Judith Fraenkel, Director of Support, Ex Libris

09.45 – 10.00 **Follow-up on the 2015 Rosetta User Group Update**, Adi Alter, Rosetta Product Manager, Ex Libris

10.00 – 10.40 **Rosetta User Group Annual Update**, Steve Knight, Programme Director Preservation Research & Consultancy, National Library of New Zealand and Chair of the Rosetta User Group

Open Discussion, Rosetta User Group members and Ex Libris management

10.40 – 11.00 Coffee Break

11.00 – 11.15 **Introducing the Workshops** (5 minutes each)

I. **Metadata Extractors in Rosetta: Is One for Each Format Enough?** Andrea Byrne, Digital Preservation Process Administrator, Archives New Zealand

II. **The TIFF Format**, Henrike Berthold, Head of Division IT Infrastructure & Digital Preservation, Saxon State and University Library

III. **Rosetta and Data Privacy**, Matthias Gross, Head of Bavarian Virtual Library, Bayerische Staatsbibliothek (BSB) - Bavarian State Library

11.15 – 12.00 **Parallel Workshops**

12.00 – 12.30 **Workshop Findings Presentations** (10 minutes each)

12.30 – 13.30 **Lunch**
Lunch will take place at the Kimmel Center, halls 405/406

13.30 – 14.10 **Ingesting and Managing Digital Content at Scale**, Josh Weisman, Rosetta Development Director, Ex Libris

14.10 – 14.50	**Let's Talk Shop – a Minute Madness and Open Discussion Session Covering Digital Preservation Practice In and Out of Rosetta**, Michelle Lindlar, Technical Analyst, Technische Informationsbibliothek Hannover (TIB) - German National Library of Science and Technology
14.50 – 15.00	**Wrap-up and Concluding Statements**, Adi Alter, Rosetta Product Manager, Ex Libris

Presentation Abstracts

Keynote Presentation: Digital Transformation at Cooper Hewitt, Smithsonian Design Museum,

Micah Walter, Director of Digital & Emerging Media at Cooper Hewitt, Smithsonian Design Museum in New York City

Following a major overhaul of its physical building, Cooper Hewitt, Smithsonian Design Museum took the opportunity to also rethink its entire digital infrastructure from the ground up. Partnering with design firms, interactive agencies and manufacturers, the museum led a groundbreaking effort to build digital in the tapestry of its daily business. In this presentation, Mr. Walter will talk about what, why and how Cooper Hewitt re-imagined itself and became the nations "hub for design".

About Micah Walter

For the past six years, Micah's work has spanned the areas of digital content strategy, management and infrastructure planning programming, and development of web applications utilizing a wide variety of languages, systems and technologies.

With a heavy emphasis on the user, Micah's work within the "Cooper Hewitt Labs" has focused primarily on developing empathetic systems through the use of sensible strategies.

Before joining Cooper Hewitt Micah received an MFA in Photographic and Electronic Media from Maryland Institute College of Art and worked as a freelance photojournalist in Washington, D.C. and in the Middle East.

As a photojournalist, Micah traveled extensively to cover news around the world for clients like TIME, The New York Times and more. Prior to his work as a photojournalist Micah received a Bachelor of Science from the Rochester Institute of Technology, where he received a B.S. in Imaging and Photographic Technology. Shortly after graduating from RIT, he worked as an Imaging Specialist at the University of Rochester's Lab for Laser Energetics.

Fitting Rosetta to the Circumstances

Teresa Soleau, Digital Library Specialist, Getty Research Institute
Jennifer L. Thoegersen, Data Curation Librarian, University of Nebraska-Lincoln

The Getty Research Institute (GRI) and the University of Nebraska-Lincoln (UNL) have both been using the Rosetta Preservation System for several years. While both institutions have small teams dedicated to digital preservation, each has unique resources and needs which have influenced their use of Rosetta. From deposit workflows to end user access, this presentation will highlight the similarities and differences in the use of Rosetta by GRI and UNL.

Efficient and Secure Deposit of Data Objects
Opening Library Collections to the Public

Hadar Miller, CIO, National Library of Israel

As part of the National Library of Israel's renewal process, the library has initiated a digital strategy with the purpose of providing the public with maximum access to National Library collections through digital means. Previously the National Library had implemented the Rosetta system primarily as a solution for preserving digital content for the long term. Now Rosetta is serving as a major (though not exclusive) means of making the library's digital collections accessible to a wider audience.

In recent years the library has developed several tools as part of implementing this digital strategy. Two of these tools will be presented in the following sessions:

Efficient and Secure Deposit of Data Objects - The National Library receives and generates an ever-growing number of digital objects, from both library collections and external joint collections. These collections vary in their sources, formats, copyright terms, and usage policies. In order to ensure a quick, reliable, and efficient process, the library has developed tools for managing and monitoring the ingest, publishing and delivery processes. These process will be demonstrated in this session.

Opening Library Collections to the Public - one of the main goals of the library is to encourage public use of digital content and to deliver this content in a friendly way, taking into account the changing public taste and preferences for consuming library content. Some of the emerging delivery and discovery needs include new platforms (mobile), new delivery methods (viewers), collaborative discovery sources (social networks), and the use of library content in order to create new services for the public and by the public (APIs). In this session we will present some of the National Library's digital discovery and delivery tools and the ways that they were implemented.

Preservation, Provenance and Rosetta

Steve Knight, Programme Director Preservation Research & Consultancy, National Library of New Zealand

This presentation discusses the National Library of New Zealand's digital preservation program's capability to effectively describe and maintain the provenance of digital objects in its permanent collection.

Working from a definition provided by the PREMIS Data Dictionary, Mr. Knight will explore whether events that are relevant to tracking an object's provenance are appropriately classified and whether the structure of stored events provides sufficient granularity to ensure that digital objects' provenance can be easily understood and processed over time.

It is suggested that:

1. All events captured by the Rosetta application which require manual intervention by a Technical Analyst be classified as Provenance Events
2. A metadata model for provenance notes be developed which allows for structured descriptions of bit-level changes to files
3. A discussion be undertaken within the Rosetta community to determine whether events pertaining to declined or rejected Submission Information Packages should be classified as Provenance Events

Rosetta Proof of Concept: A Strategic Case Study Session

Prashant Pandey, Director Content Development, State Library of Queensland

The State Library of Queensland carried out a Proof of Concept (PoC) project using the Ex Libris Rosetta Digital Preservation system. In parallel to the SLQ PoC we also ran a large consortium proof of concept using the Rosetta software. This presentation will present the good and the bad and what strategies we will need to implement in order to meet our digital preservation requirements.

- Staff levels and skillsets
- Consortium arrangements
- Issues uncovered along the way

Micro and Macro Services in a Digital Preservation Environment

Chris L. Erickson, Digital Preservation Officer, Brigham Young University

There are many challenges facing digital preservation programs at institutions today. Some of the most pressing include program funding, large amounts of data, long term storage, and acquiring digitally born content. Brigham Young University is currently revising their digital preservation processes to consider these and other topics and to create a workable long term digital preservation program. The program relies on macro and micro services, macro services address selection, workflows, funding, administration, and overall processing. Micro services provide tools for processing newly acquired digital born items, automated ingest, metadata entry, and processing of items.

Integrating Alma and Rosetta at the National Library of New Zealand

Kirsty Smith, NDHA Analyst, Preservation Research & Consultancy, National Library of New Zealand
Opher Kutner, Rosetta Business Analyst, Ex Libris

Designed to manage digital inventory, Alma provides dedicated interfaces for integrating with other digital asset management and preservation systems at the ingest, management, and delivery levels. This session will present these interfaces and demonstrate how they are being used at the National Library of New Zealand to integrate the Rosetta system with Alma as part of the migration from Voyager to Alma.

Metadata Extractors in Rosetta: Is One for Each Format Enough?

Andrea Byrne, Digital Preservation Process Administrator, Archives New Zealand

Currently, only one metadata extractor (MDE) in Rosetta can be assigned to a format. The METS/DNX is limited in how MDE output can be published to avoid collisions and to enable the querying of data from a single extractor. In our efforts to create more robust ingests of A/V and born-digital materials, we have found a use for assigning multiple MDEs to a format in Rosetta as well as mapping multiple values to the same fields.

In this workshop, Archives New Zealand will be sharing our MDE needs and examples and seeing if users have other examples or ideas for implementing multiple MDEs and multiple values for fields. We would like to open this discussion up to others in this forum and perhaps offer some of our own suggestions for implementing this capability in Rosetta.

The TIFF Format

Dr. Henrike Berthold, Head of Division IT Infrastructure and Digital Preservation, Saxon State and University Library

TIFF is a widely used data format for archiving retro-digitized print materials. It is well-suited for digital long-term preservation. However, it is nevertheless useful to discuss requirements for TIFF files (e.g. regarding compression and resolution) and how these requirements are checked and enforced. We will also talk about problems that participants have seen with TIFF files and how they have been solved. As an introduction to the first discussion that deals with the requirements, I will give a short introduction to the TIFF format and the TI/A initiative and present our requirements for TIFF files. At the beginning of the second discussion, I will give some examples of problems with TIFF files that we have had in the past.

Rosetta and Data Privacy

Matthias Gross, Head of Bavarian Virtual Library, Bayerische Staatsbibliothek (BSB) - Bavarian State Library

Long-term preservation involves many special challenges, and innovative software also has to comply with all the standard regulations for running an application in a public authority environment. The starting point for this session includes the observations and thoughts of the Rosetta team at the Bavarian State Library in Munich, looking at Rosetta and data privacy from a German/European Union legal perspective. Some aspects affect Rosetta directly, while others regard how to work with Rosetta. The session will be particularly interesting for people with an active Rosetta site but this is no precondition. You are welcome to share your thoughts with the group; let's try to find out whether there are common points of interest beyond national particularities.

Let's Talk Shop – a Minute Madness and Open Discussion Session Covering Digital Preservation Practice In and Outside of Rosetta

Michelle Lindlar, Technical Analyst, Technische Informationsbibliothek Hannover (TIB) - German National Library of Science and Technology

This session is intended as an open discussion platform for all things related to different institutional digital preservation approaches. As such, possible topics can include, but are by no means limited to:

- staffing
- system architecture
- pre-ingest work
- a specific content workflow
- in-house developments
- digital preservation community participation
- current research

All Rosetta Advisory Group attendees are invited to participate and can do so in the following ways:

- Give a minute madness presentation (1 minute speaking slot with 1 slide)
- Add a question to the forum
- Participate in the open discussion

Do you have something you would like to share in a minute madness presentation? Do you have a question you would like to ask the RAG crowd and see discussed during this session? Please contact the session organizer at michelle.lindlar@tib.eu or add your topic or question to the board that will be available throughout the meeting.