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Workshop overview

This workshop will provide attendees with an understanding of the architecture and design decisions behind the ReDBox and Mint software. The primary experience will be the installation and configuration of the software on participants' laptops so that they can return to their workplace with a sound understanding and live demonstration of the system.

Total duration: 3 ½ hours

Workshop objectives

By the end of the workshop participants will have:

- An understanding of the ReDBox/Mint technical architecture
- ReDBox and Mint configured and installed on their laptop
- Customised the user interface template



Key resources

<u>Link</u>	<u>Description</u>
https://sites.google.com/site/redboxmint/	The ReDBox-Mint website is the first port of call for information
http://code.google.com/p/redbox-mint/	The developer site provides access to the source code, issue tracking and the technical wiki
https://groups.google.com/forum/#!forum/redbox-repo	ReDBox's active Google Group provides a central place for discussing the system and sharing experiences.



Session 1: Technical Overview

Duration	40 minutes (+5 min break)
Lead presenter	Duncan Dickinson
Mode	This will be a presenter-led session with questions invited throughout the presentation and at the end.
Materials	Slides will be made available online.

Activity	Timing	Description
Introduction	10 min	Each participant is asked to introduce themselves and give an overview of their organisation and role.
Workshop overview	5 min	The format of the workshop will be described
High-level architecture	20 min	An introduction to ReDBox and Mint will base itself on an architectural diagram with attention drawn to: <ul style="list-style-type: none">• The role of ReDBox and Mint• Models for running the systems• Interfaces between ReDBox/Mint and other systems The basic development details will also be described
Questions	5 min	
Break	5 min	

Resources

Presentation materials:

- Introduction to the basic achitecture:
 - Prezi presentation: <http://prezi.com/bmje7ocikuqk/introduction-to-the-redbox-and-mint-architecture/>
 - ReDBox and Mint workflows presentation: https://docs.google.com/present/view?id=dcg3kzt6_201czfzttx

Further information:

- [ReDBox and Mint system overview](#)



Session 2: Installing ReDBox and Mint

Duration	60 minutes (+10 min break)
Lead presenters	Duncan Dickinson Greg Pendlebury
Mode	The two modes for the session are: <ul style="list-style-type: none">• A self-guided activity with the presenters available to support participants• A short technical presentation
Materials	All guides and presentations will be made available online.

<u>Activity</u>	<u>Timing</u>	<u>Description</u>
Introduction	5 min	The session will be introduced
Self-guided work	40 min	During this activity the following items will be undertaken: <ul style="list-style-type: none">• A copy of Ubuntu virtual machine will be provided to each participant for loading into VirtualBox;• The installation and configuration process for ReDBox and Mint;• Mint data loading• Examination of system layout and logs• Creation of sample records in ReDBox
Presentation	15 min	Curating linked data This presentation will describe how records and identifiers are curated and released through Mint and ReDBox.
Break	10 min	

Resources

- Self-guided items:
 - Virtual machine installation guide: https://docs.google.com/document/pub?id=1W9hRpg3N_5bZbSVR87ZrEBTVRTwfHWL3s2pOKKpPuw8
 - [Installing ReDBox and Mint](#)
 - [Understanding the layout of the Mint and ReDBox systems](#)
 - [Loading data into ReDBox and Mint](#)
- **Curating linked data** presentation:
 - https://docs.google.com/present/view?id=dcg3kzt6_199gix8thg6



Session 3: System customisation

Duration	60 minutes (+10min break)
Lead presenters	Duncan Dickinson Greg Pendlebury
Mode	The two modes for the session are: <ul style="list-style-type: none">• A self-guided activity with the presenters available to support participants• A short technical presentation
Materials	All guides and presentations will be made available online.

<u>Activity</u>	<u>Timing</u>	<u>Description</u>
Introduction	5 min	The session will be introduced
Self-guided work	45 min	During this activity the following items will be undertaken: <ul style="list-style-type: none">• Basic branding of the ReDBox interface• Editing the metadata templates
Presentation	10 min	Integrating ReDBox and Mint at your institution A technical presentation will provide technical information regarding: <ul style="list-style-type: none">• The ReDBox alert interface• Mint query interface• Integrating with the Handles System• IR Integration
Break	10min	

Resources

- Self-guided items:
 - [Branding ReDBox](#)
 - [ReDBox and Mint metadata templates](#)
- **Integrating ReDBox and Mint at your institution** presentation:
 - https://docs.google.com/present/view?id=dcg3kzt6_200dfx8kmfr
 - [Integration options](#)



Session 4: Discussion

Duration	20 minutes
Lead presenters	Duncan Dickinson Greg Pendlebury
Mode	This session will be based on participant needs
Materials	None

The final session of the day will be available for a number of activities, including:

- Completing the self-guided work items
- Discussing the ReDBox and Mint feature set and development plans
- Q&A regarding ReDBox and Mint
- Team-based exploration of the software with the presenters available for fielding questions

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