

MANCHESTER
1824

The University of Manchester

21 Feb 2018

Mendeley Data Evaluation Partnership

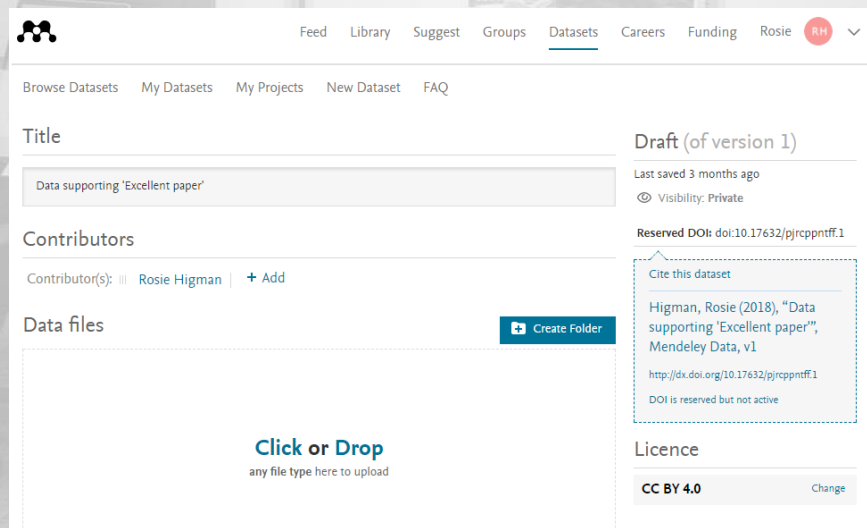
Supporting data management and sharing

Rosie Higman

Research Data Librarian

The University of Manchester Library

Two year project evaluating Mendeley Data platforms, including the data repository and manager, as part of the Research Lifecycle Programme.



The screenshot displays the Mendeley Data web interface. At the top, there is a navigation bar with links for Feed, Library, Suggest, Groups, Datasets (underlined), Careers, Funding, and a user profile for Rosie (RH). Below the navigation bar, there are tabs for Browse Datasets, My Datasets, My Projects, New Dataset, and FAQ. The main content area is divided into several sections: Title, Contributors, Data files, and Licence. The Title section shows a draft dataset titled "Data supporting 'Excellent paper'" with a "Draft (of version 1)" status and a "Last saved 3 months ago" timestamp. The Contributors section lists "Rosie Higman" and a "+ Add" button. The Data files section features a "Create Folder" button and a "Click or Drop any file type here to upload" instruction. The Licence section shows "CC BY 4.0" with a "Change" link. A tooltip is visible over the "Cite this dataset" link, providing citation information: "Higman, Rosie (2018), 'Data supporting 'Excellent paper'', Mendeley Data, v1" and the URL "http://dx.doi.org/10.17632/pjrcppntff.1".

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Feed Library Suggest Groups Datasets Careers Funding Rosie RH

Browse Datasets My Datasets My Projects New Dataset FAQ

Title

Data supporting 'Excellent paper'

Draft (of version 1)

Last saved 3 months ago

Visibility: Private

Reserved DOI: doi:10.17632/pjrcppntff.1

Cite this dataset

Higman, Rosie (2018), "Data supporting 'Excellent paper'", Mendeley Data, v1

http://dx.doi.org/10.17632/pjrcppntff.1

DOI is reserved but not active

Contributors

Contributor(s): Rosie Higman + Add

Data files

Create Folder

Click or Drop
any file type here to upload

Licence

CC BY 4.0 Change

Findable
Accessible
Interoperable
Reusable

Collecting metadata throughout the research process will make it easier to share results and data at the point of publication.

HOW CAN MENDELEY HELP YOU?

REPOSITORY

Visibility

Citations and impact

Journal and funder compliance

Improving the Quantitative Interpretation of Diffusion-Ordered NMR Spectra

Published: 30 Nov 2017 | Version 1 | DOI: 10.17632/ct99xf2d2.1

Contributor(s): Rob Evans, Guilherme dal Poggetto, Mathias Nilsson, Gareth Morris

Description of this data

All supporting material for "Improving the Quantitative Interpretation of Diffusion-Ordered NMR Spectra".

*Excel sheet for estimating diffusion coefficient from MW and vice versa.

*Matlab GUI for estimating diffusion coefficient from MW and vice versa.

*Excel sheets containing all diffusion coefficients used.

*Mathematica notebooks to perform all calculations and draw all images in MS and SI.

*All solvent data for Arrhenius solvent parameters.

Latest version

Version 1 2017-11-30

Published: 2017-11-30

DOI: 10.17632/ct99xf2d2.1

Cite this dataset

Evans, Rob; dal Poggetto, Guilherme; Nilsson, Mathias; Morris, Gareth (2017), "Improving the Quantitative Interpretation of Diffusion-Ordered NMR Spectra", Mendeley Data, v1

<http://dx.doi.org/10.17632/ct99xf2d2.1>

Institutions

University of Manchester, Aston University
Chemical Engineering and Applied Chemistry

Categories

Analytical Chemistry, Physical Chemistry,
Nuclear Magnetic Resonance Spectroscopy,
Diffusion

Licence

CC BY 4.0

Learn more

Experiment data files

Download all files (7)

Improving the Quantitative Interpretation of diffusion-ordered NMR spectrazip 654 KB

All solvent data

Improving the Quantitative Interpretation of diffusion-ordered NMR spectraxlsx 132 KB

Excel spreadsheet containing data used in manuscript

Improving the Quantitative Interpretation of diffusion-ordered NMR spectraxlsx 16 KB

Excel spreadsheet containing original data set (DOI: 10.1002/anie.201207403)

SEGWE Diffusion Coefficient Calculator.xlsx 19 KB

SEGWE implemented in Excel

Improving the quantitative interpretation of diffusion-ordered NMR spectra -nb 241 KB

Mathematica notebook for original data set and reproduction of images/calculations from DOI: 10.1002/anie.201207403

HOW CAN MENDELEY HELP YOU?

The screenshot shows the Mendeley Manager interface for a project titled "Test Project - MRE feedback". The interface is divided into three main sections: "My Datasets", "Project Team", and "Published Datasets".

- My Datasets:** This section is currently set to "Private" and contains three datasets:
 - A button to "+ Create new dataset"
 - "Raw feedback data"
 - "Workshop feedback - 8th February 2018"
- Project Team:** This section is set to "All members" and contains two datasets:
 - "MRE feedback questionnaire"
 - "Cleaned up MRE feedback data"
- Published Datasets:** This section shows a globe icon and the text "Published datasets for this project", indicating that no datasets have been published yet.

MANAGER

Saving time

Improving data quality

Enabling collaboration

DEVELOPMENT PLANS

Recent changes



















- Folders
- Upgrade to 100GB per dataset allowance
- First version of Data Manager
- Basic showcase

Coming soon

- File tagging
- CAS authentication
- Custom metadata
- File referencing with Dropbox
- Working towards Isilon integration



Experiment data files Create Folder

≡	 First Folder				
≡	 First Subfolder				
≡	 First File .png	+ Add description	41 KB		
≡	 Second Folder				
≡	 Second File .xlsx	+ Add description	33 KB		
≡	 Read Me .png	+ Add description	16 KB		

A data dictionary



ZIP

FESTA: an efficient NMR approach for the structural analysis of mixtures containing fluorinated species

Gareth Morris, Pınelopi Moutzouri, Thais Mendonça Barbosa, Cláudio Tormena, Roberto Rittner, Andrew Phillips, Steven Coombes, Laura Castañar, Mathias Nilsson

13 Feb 2018 in: Nuclear Magnetic Resonance Spectroscopy

Bruker pulse sequences and experimental data for FESTA methods for the analysis of mixtures of ^{19}F -containing species by measurement of doubly selective 1D TCOZY ^1H spectra

CSV

(De-)Stabilising effects of a transition

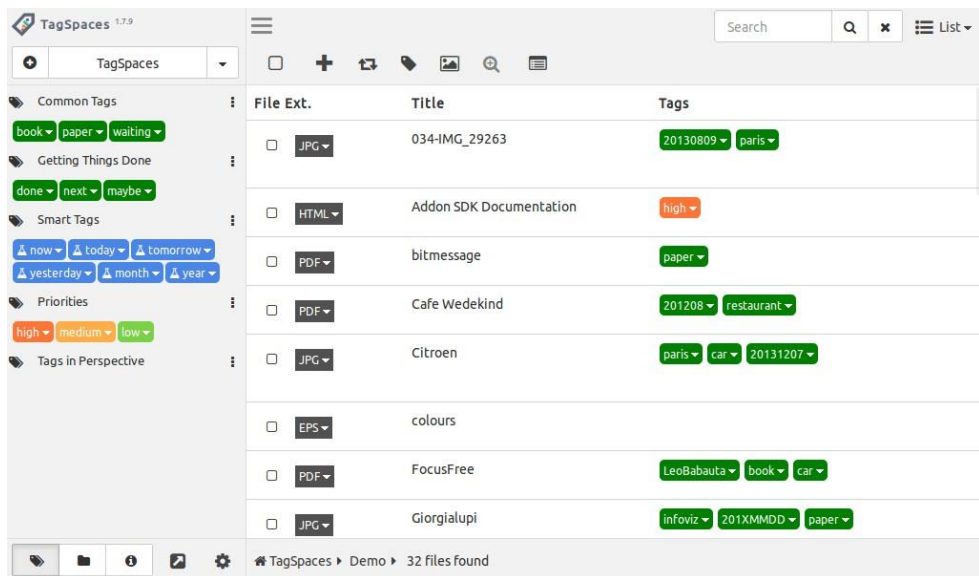
Julia Kasmir

02 Feb 2018 in: Agent-Based Modeling, Diffusion of Innovation, Transitions

This data set is the raw output of an experiment testing how stability can be measured over time in relation to a simulated transition

File Tagging

- Free text tags allowing researchers to quickly and simply annotate files
- Provides quick and simple way to find files
- Can be aggregated up to the dataset level (i.e. add all of the tags to the dataset)
- Previously entered tags for a project are suggested as future tags for consistency (within the project)



The screenshot displays the TagSpaces 1.7.9 application interface. On the left, there is a sidebar with several categories of tags: Common Tags (book, paper, waiting), Getting Things Done (done, next, maybe), Smart Tags (now, today, tomorrow, yesterday, month, year), Priorities (high, medium, low), and Tags in Perspective. The main area shows a table of files with columns for File Ext., Title, and Tags. The status bar at the bottom indicates 'TagSpaces Demo' and '32 files found'.

File Ext.	Title	Tags
JPG	034-IMG_29263	20130809, paris
HTML	Addon SDK Documentation	high
PDF	bitmessage	paper
PDF	Cafe Wedekind	201208, restaurant
JPG	Citroen	paris, car, 20131207
EPS	colours	
PDF	FocusFree	LeoBabauta, book, car
JPG	Giorgialupi	infoviz, 201XMMDD, paper

File Commenting

- Allow comments against each file
- Comments include reference to the person who made the comment and the date/time the comment was made
- Optionally can send a notification to the owner of the file, or other people who have commented previously
- Comments are private by default and are not shown on published datasets, but are available for review by project members and approvers in draft datasets

[home](#) / [Example folder](#) / cluster.png

updated by Mike on 2nd Jan 18 at 17:31

#30262 [Download](#) [Rename](#) [Delete](#)

[File](#) | [Notes/Comments \(1\)](#) | [Metadata](#)

Notes



garethharvey commented a day ago



This is a comment on cluster.png




Write a comment

B *I* **H** | `</>` | | α γ |

File Custom Metadata

1. Allow researchers to **add custom metadata** (i.e. key-value pairs) to files
2. Allow researchers to **find files** using this metadata (e.g. see below from <https://rinocloud.com/>)
3. Allow researchers to **aggregate** custom metadata at the **Dataset level** (if required)
4. **Automatically** add any metadata for an **experiment** (e.g. researcher, date completed, experiment title etc.) to any associated file
5. Allow researchers to create **metadata templates**, and associate to file types (e.g. all BAM files use the “Gene” template)
6. **Automatically add metadata** where technically feasible e.g. extract from file (e.g. NetCDF) or inherit from containing folder (e.g. watch folder for Spectrometer XYZ).

laser_power	greater than	3
laser_units	string equal to	uW

Name	Size	Owner	Updated	Metadata
 acetone 0014.sp	11.1 KB	eoin	2 hours ago	<code>{"laser_power":13.4,"exp_id":"E14","laser_units"...</code>
 mic 50x e.coli.sp	11.1 KB	eoin	2 hours ago	<code>{"laser_power":234.5,"exp_type":"raman","bacteri...</code>
 mic 50x ref.sp	11.1 KB	eoin	2 hours ago	<code>{"laser_power":133.3,"exp_type":"spectroscopy","..."</code>

Folder Types

Internal Folder (Mendeley Data)

- Files are stored within Mendeley Data's S3 file store.
- Files and folders can be uploaded, as with Datasets













External Folder (Referenced)

- Files are stored within an external file storage platform (e.g. DropBox, Box, Google Drive etc.)
- Clear visual distinction made between local folders (& files) and external folders (& files) e.g. see OSF approach on right
- File contents of these folders can change

Watch Folder

- Watch folder is a type of external folder where researcher can be notified when files have been added or changed
- This could happen within the application (see example below) or via optional email notification

File	Added	Last Modified
12345.csv	12 Jan 2018	12 Jan 2018
6789.csv	18 Jan 2018	20 Jan 2018*
abcdef.csv*	20 Jan 2018	20 Jan 2018

Name	^	v
 My OSF Project		
-  Box: / (Full Box)		
 Screen Shot 2017-01-18 at 16.32.27.png		
-  Dropbox: My Shared Folder		
 Get Started with Dropbox.pdf		
 hivebench-inventory-230517.xls		
-  figshare: My second project:17420		
 HipChat-4.28.0-716.dmg		
 Sleeper train to Rovaniemi.pdf		
-  OSF Storage		
+  2017 May 18 meeting		
+  My folder		

HOW CAN YOU GET INVOLVED?

Join the RDAG

Find out about new features first, regular discussions, email list for updates, Sifter for issue logging

Try it out

If you have data to share try using Mendeley Data and then...

Send us feedback!

We want to hear the good, the bad and the suggestions for improvement at researchdata@manchester.ac.uk