

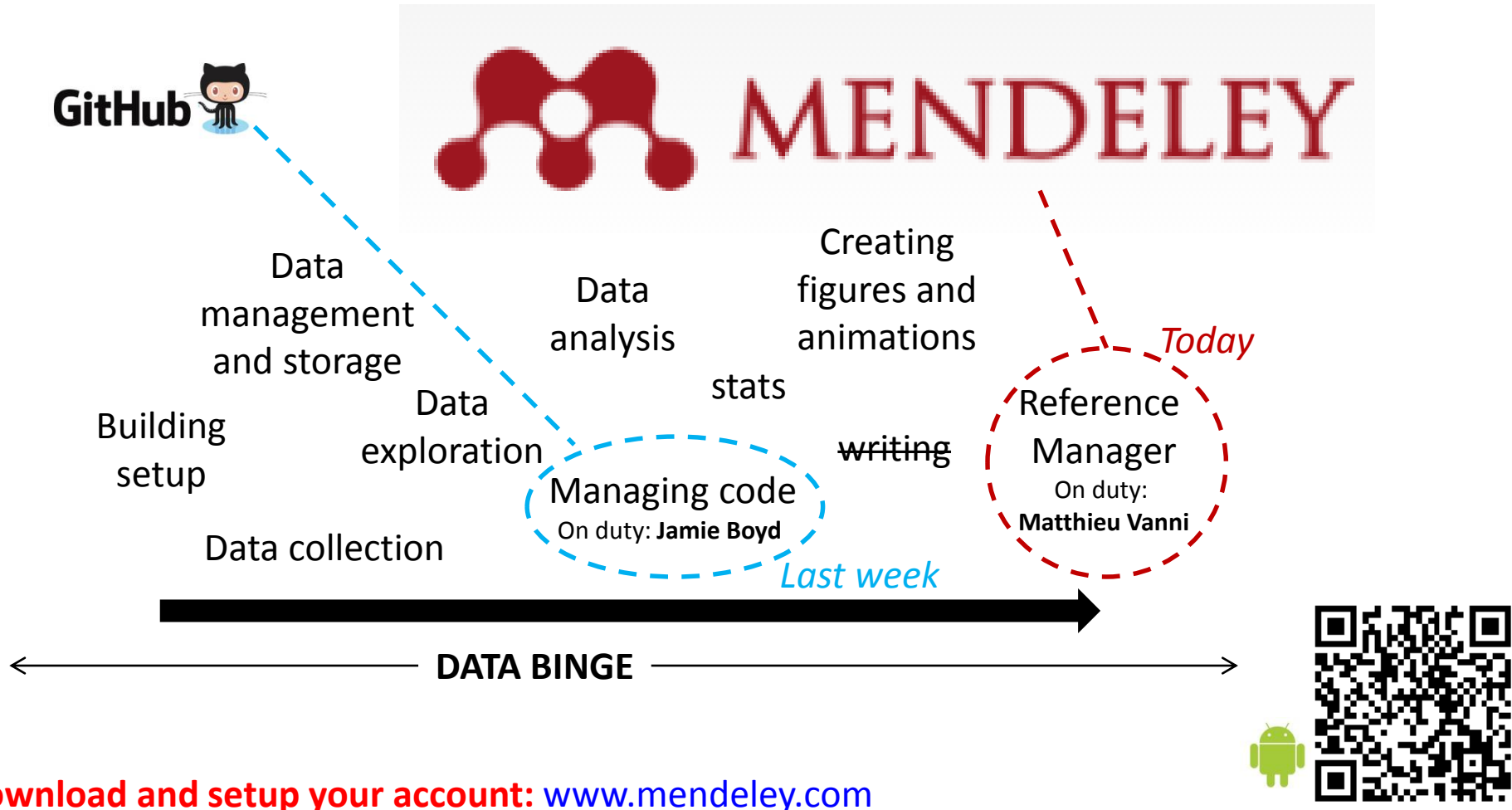
DATA BINGE www.neuroscience.ubc.ca/NICC/

NINC NeuroImaging & NeuroComputation Centre data binge 4:00-5:00 PM Fridays. Pizza coming at 5 PM open to Murphy and Haas labs initially but centre-wide once the momentum starts

Introducing the data binge. The data binge is an interactive drop-in activity involving neuroscience imaging labs with the goal of further training and collaboration. Supported in part by the NICC and the Canadian Neurophotonics platform.

The goal is to promote the use of UBC licensed and open-source image analysis and acquisition software as well as collaboration. Each Friday we will have an open house in which interested labs can have a data show-and-tell/problem solving session, as well as interactive analysis routines using the facilities of the NICC within the Koerner Pavilion. We encourage trainees to employ the following software packages: MatLab, Image J, Python, and Lab View for acquisition and potentially others such as Igor. Working in the NINC will encourage the use of cloud-based data storage/software archiving and software that can be shared at UBC. There will be no POWERPOINT slides used.

Following the interactive data analysis, there will be a 30-minute presentation on a variety of topics. These topics could include use of Image J, AutoCad, Blender, Python programming, and Raspberry PI imaging acquisition. During the presentation there will be pizza and bring your own beverages.



Download and setup your account: www.mendeley.com

Mendeley reference manager

- Why: because Tim requested
- Why not:
 - Free
 - Online storage (2GB) > synchronization and backup
 - Cross-Platform:
 - Desktop version (Win/Mac/Linux)
 - Web version (Chrome/Firefox/IE/Safari, limited functions)
 - Mobile version (limited functions)
 - Very light and user friendly
- What I can do:
 - Organize your library
 - Read/comments your library
 - Share and collaborate (library and data)
 - Write/cite your library: Word, OpenOffice, ...
 - Social network (“Loop” and “ResearchGate” like)
- <https://www.mendeley.com/compare-mendeley/>

PLAN

- 1) Creating a library
- 2) Managing a library
- 3) Citing in word
- 4) Other web possibilities



1/4 Creating your library

- Import pdf (metadata will be extracted): drag&drop file, folder... (**web&app**)
- Import from URL (Pubmed, Google Scholar, ...): install magic button first: <https://www.mendeley.com/import/> (**web**: Chrome, Firefox, ...)
- From Mendeley search engine (**web&app**)
- Manual entry (**web&app**)
- Import database from another program (*.bib, *.xml endnote, ...): Drag&drop file, folder... (**web&app**)
- Watch Folder (**app** only)

- Export a database or an entry (**app** only)
 - *.bib, *.ris, *.xml, ...
 - Mendeley e-mail

- How much storage I use? [Tools>Options](#)
- To turn-on local copy: [Tools>Options](#)

- **app: Don't forgot to sync!**



2/4 Managing your library

- Exploring entries of the library
 - Review entry sometimes: “Search” magic button can help (**app** only)
 - Linked with pdf (and other files): pdf can be read and edited with sticky notes (**web&app**)
 - Add more files, URL, notes, tags, ... (**web&app**): can be on multiple entries
- Organizing library
 - Organized in folders in YOUR library (**web&app**)
 - Organized in groups (**web&app**): for collaborations
 - Find for duplicates and merge documents (**app** only)
- Exploring library
 - Filters (**app** only)
 - Search window (**web&app**)



3/4 Citing your library (app only)

- Automatically installed within Word, OpenOffice, ...: “reference” tab
- Add a citation: “insert citation” or Alt+M → write or pickup in Mendeley
- Pick up from YOUR Library if you are lonely or Groups if you have friends working on the same manuscript
- Merge manually or with “merging” button
- Generate bibliography ([View>Citation Style>More Styles](#) to hide URL)
- Change style and download more



4/4 What else on the **web** version

- Library
- Networking:
 - Profile (and stats)
 - Feed, Suggest, ...
 - Groups (e.g. private: multiple annotation on one shared entry/pdf)
- Dataset sharing <https://data.mendeley.com/>
(e.g. <http://dx.doi.org/10.17632/zd7n545s2b.1>)



<https://community.mendeley.com/teaching>