

[source](#)

Open Science Framework (OSF)

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Session Overview

- Introduce OSF and its role in research as a storage, collaboration, and sharing platform
- Present all project files, folders, and how the workflow will work for this course
- Discuss concepts of version control and how OSF will be used throughout this course
- Fill in sections of DMP with DMP Assistant

What is OSF?

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- An online data storage platform that supports good RDM practices and facilitates collaboration, transparency, and reproducibility in research.
- Does this by provisioning descriptive metadata, version control, access restrictions, persistent identifiers, and regional cloud storage options.
- Has built-in connections to various other research platforms to act as a centralized hub for research projects.

Getting Started

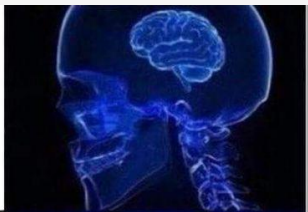
- You will hopefully have already set up an account with OSF, but if not, follow instructions on session webpage.
- For this course there is a template set up for you to fork (copy), which can be found on the session webpage: [insert link](#)

Why Use OSF?



Taking a picture of
your code

Notch Retweeted
Definitely Not Dan @Def_N... · 2h
Replying to @notch
Read your code aloud and put it on
Amazon as an audiobook.
9 15 216



Version Control

What is Version Control?

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- A system to keep track of your files as they undergo transitions throughout collection, analysis, reporting, and storage.
- The goal of version control is to provide a light audit trail to be able to discern:
 - What changed
 - When it changed
 - How it changed
 - Who changed it

Types of Version Control

- **Manual version control**
 - Accomplished using file naming conventions
 - Most common systems include:
 - Adding a version after a file name (ie. _v01, _v02, etc.)
 - Adding editor initials after a file name (ie. _NR, ie. _BN)
 - We will be covering file naming conventions more in the next block – stay tuned!

Types of Version Control

- **Automated version control**
 - Computing applications that employ metadata to capture similar information to that of manual naming systems
 - Some systems can be quite complex and don't lend themselves well to every type of project/workflow
 - For this course, we'll be using the automated version control system in OSF

Getting Started

- The steps that we'll be covering in this session include:
 - General introduction
 - Setting storage preferences
 - Forking the project template
 - Naming your project
 - Adding a description
 - Adding collaborators
 - Working with the wiki
 - Reviewing file organization
 - Downloading files
 - Uploading/version controlling files

Let's Go!



Screenshots
to
demo OSF



Live
demo that
is subject
to issues

Questions?

