

Standardized image data format for muscle MR

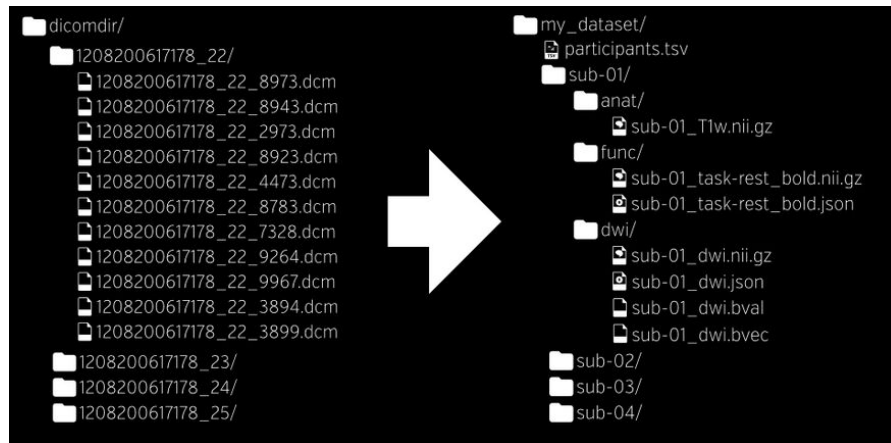
F. Santini

Specification

BIDS-like structure for muscle MRI data

Specs established by an international consortium (CH, DE, NL, FR, US...)

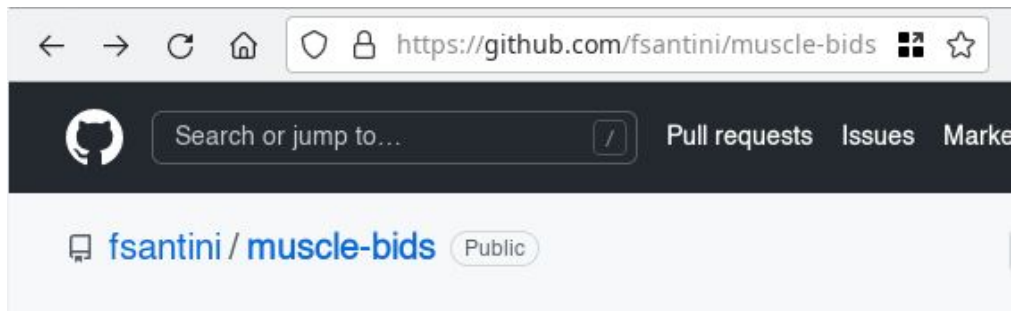
Nifti + json -based



General goals

Python package for:

- DICOM \leftrightarrow Muscle-bids conversion
- Finding and loading a specific dataset from a directory structure
- Currently: initial implementation available on Github
 - <https://github.com/fsantini/muscle-bids>
- Uses DOSMA for I/O
- Defines classes to validate and convert specific dataset types



Goals of the hackaton

- Test the existing implementation
- Extend the use cases (currently only MESE is implemented)
- Produce a demo Jupyter Notebook