

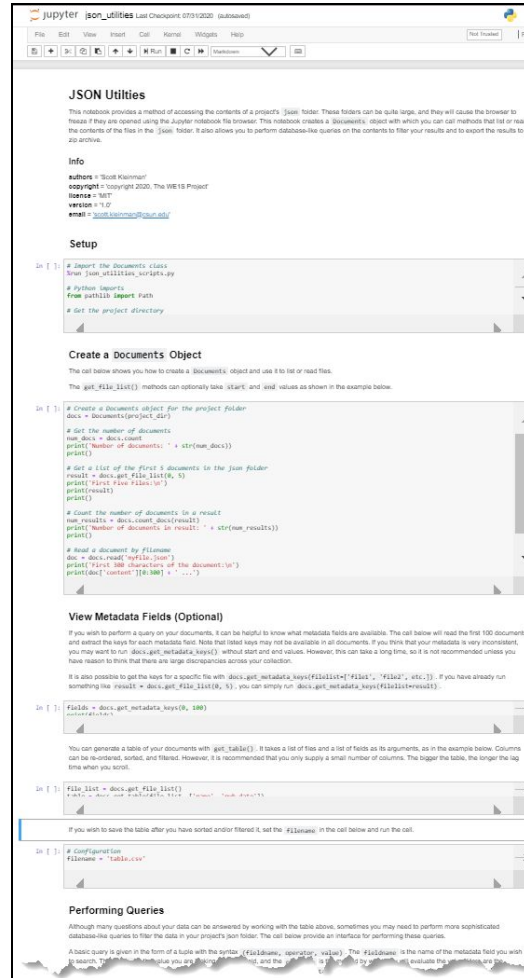
WE1S “json_utilities” module

A component of the WE1S Workspace (see [S-2](#)), the “json_utilities” module provides a method of accessing the contents of the `json` folder in a Workspace project. Depending on the number of texts in a project (the Workspace imports texts in [JSON format](#)), this folder can be quite large, and will cause the user’s web browser to freeze when opening it in the Jupyter notebook file interface. The “json_utilities” module creates a `Documents` object with which a user can call methods that list or read the contents of the files in the `json` folder, enabling database-like queries of texts and metadata fields, filtering of results, and export of results to a zip archive.

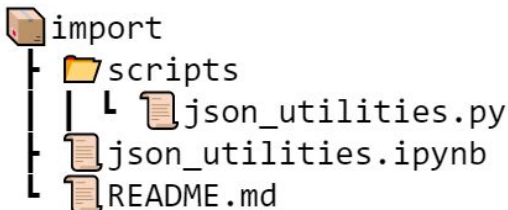
The main Jupyter notebook in the module is `json_utilities.ipynb`. It includes cells for carrying out operations on a Workspace project’s `json` folder that include the following:

- View metadata fields
- Perform queries (including with Boolean logic)
- Export results of a query to a zip file.

Screenshot from `json_utilities.ipynb` [\(larger\)](#)



Module structure



Further Information:

* M-15 (about Jupyter notebooks)

Main Jupyter notebooks in this module:

* `json_utilities.ipynb`

Code source: [TBD] ([MIT License](#))