

# write\_datasetjson.sas File Reference

---

Write a SAS dataset to a Dataset-JSON file. [More...](#)

[Go to the source code of this file.](#)

## Detailed Description

---

Write a SAS dataset to a Dataset-JSON file.

This macro creates a Dataset-JSON file from a SAS dataset

Metadata is taken from the dataset or from a number of metadata tables:

- metadata\_study
- metadata\_tables
- metadata\_columns

Some metadata can be specified as parameters (fileOID, originator, sourceSystem, sourceSystemVersion, studyOID, metaDataVersionOID, metaDataRef, datasetlabel).

Example usage:

```
%write_datasetjson(  
    dataset=datasdtm.dm,  
    jsonpath=&project_folder/json_out/sdtm/dm.json);  
  
%write_datasetjson(  
    dataset=datasdtm.dm,  
    jsonpath=&project_folder/json_out/sdtm/dm.json,  
    usemetadata=Y,  
    metadata_lib=metasdtm);
```

### Author

Lex Jansen

## Parameters

[in] <b>dataset=</b>	(libname.)memname of the SAS data set
[out] <b>jsonpath=</b>	Path to Dataset-JSON file
[out] <b>jsonfref=</b>	File reference for the Dataset-JSON file. Either jsonpath or jsonfref has to be specified.
[in] <b>usemetadata=</b>	(N) Use Define-XML metadata? (Y/N)
[in] <b>metadatalib=</b>	Define-XML metadata library The following datasets are expected: <ul style="list-style-type: none"><li>• metadata_study</li><li>• metadata_tables</li><li>• metadata_columns</li></ul>
[in] <b>decimalVariables=</b>	List of numeric variables to write as decimal strings. Not used when usemetadata=Y. Separated by blanks.
[in] <b>datasetJSONVersion=</b>	(1.1.0) Dataset-JSON version. Allowed values: 1.1.*
[in] <b>originator=</b>	The organization that generated the Dataset-JSON dataset.
[in] <b>sourceSystem=</b>	The name of the information system from which the content of this dataset was sourced
[in] <b>sourceSystemVersion=</b>	The version of the information system from which the content of this dataset was sourced
[in] <b>studyOID=</b>	Unique identifier for the study that may also function as a foreign key to a Study/@OID in an associated Define-XML file
[in] <b>metaDataVersionOID=</b>	Unique identifier for the metadata version that may also function as a foreign key to a MetaDataVersion/@OID in an associated Define-XML file
[in] <b>metaDataRef=</b>	URI for a metadata file describing the dataset (e.g., a Define-XML file)
[in] <b>datasetlabel=</b>	Dataset label
[in] <b>pretty=</b>	(NOPRETTY) Format Dataset-JSON file (PRETTY/NOPRETTY).

## Related Macros

- write\_datasetjson\_1\_0.sas
- [write\\_datasetjson\\_1\\_1.sas](#)

Definition in file [write\\_datasetjson.sas](#).