write_datasetjson.sas File Reference

Write a SAS dataset to a Dataset-JSON file. More...

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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,
    metadatalib=metasdtm);
```

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Parameters

[in]	**dataset=**	(libname.)memname of the SAS data set
[out]	**jsonpath=**	Path to Dataset-JSON file
[out]	**jsonfref=**	File reference for the Dataset-JSON file. Either jsonpath or jsonfref has to be sppecified.
[in]	**usemetadata=**	(N) Use Define-XML metadata? (Y/N)
[in]	**metadatalib=**	Define-XML metadata library The following datasets are expected:

- metadata_study
- metadata_tables
- metadata_columns

[in]	**decimalVariables=**	List of numeric variables to write as decimal strings. Not used when usemetadata=Y. Separated by blanks.
[in]	**datasetJSONVersion=**	(1.1.0) Dataset-JSON version. Allowed values: 1.1.*
[in]	**originator=**	The organization that generated the Dataset-JSON dataset.
[in]	**sourceSystem=**	The name of the information system from which the content of this dataset was sourced
[in]	**sourceSystemVersion=**	The version of the information system from which the content of this dataset was sourced
[in]	**studyOID=**	Unique identifier for the study that may also function as a foreign key to a Study/@OID in an associated Define-XML file
[in]	**metaDataVersionOID=**	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]	**metaDataRef=**	URI for a metadata file describing the dataset (e.g., a Define-XML file)
[in]	**datasetlabel=**	Dataset label
[in]	**pretty=**	(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**.