

Metadata Mapping - CDF Variable Attribute to SPASE Parameter

CDF Variable Attribute	SPASE Numerical Data Parameter Mapping	Edit	Non CDF Metadata Sources, Processing Programs, Notes
FIELDNAM	NumericalData/Parameter/Name		
DEPEND_0	NumericalData/Parameter/Set		
CATDESC	NumericalData/Parameter/Set		
cdf_variable_info.name	NumericalData/Parameter/ParameterKey		Note that Parameter Key is populated without using Variable Attributes
VAR_NOTES	NumericalData/Parameter/Caveats	Yes	
AVG_PTR_1	NumericalData/Parameter/Caveats	Yes	variable_attribute_avg_type.sed
AVG_TYPE	NumericalData/Parameter/Caveats	Yes	
VIRTUAL	NumericalData/Parameter/Caveats	Yes	Virtual Variable designation flag
FUNCT	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
FUNCTION	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_0	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_1	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_2	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_3	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_4	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_5	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_6	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_7	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_8	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_9	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_10	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_11	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_12	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_13	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
COMPONENT_14	NumericalData/Parameter/Caveats	Yes	Virtual Variable support metadata
MONOTON	NumericalData/Parameter/Caveats	Yes	
Not Applicable	NumericalData/Parameter/Cadence	Yes	cdaweb_spase_map_cadence.pro and the Global Variable LOGICAL_SOURCE
TIME_RES	NumericalData/Parameter/Cadence	Yes	variable_attribute_time_res_to_cadence.sed
RESOLUTION	NumericalData/Parameter/Cadence	Tes	variable_attribute_time_res_to_cadence.sed
UNITS	NumericalData/Parameter/Units		
SI_CONVERSION	NumericalData/Parameter/UnitsConversion	Yes	
DICT_KEY	NumericalData/Parameter/CoordinateSystem/CoordinateSystemName	Yes	variable_attribute_dict_key.sed
FRAME	NumericalData/Parameter/CoordinateSystem/CoordinateSystemName	Yes	variable_attribute_frame_to_coordinate_system_name.sed
COORDINATE_SYSTEM	NumericalData/Parameter/CoordinateSystem/CoordinateSystemName	Yes	
DICT_KEY	NumericalData/Parameter/CoordinateSystem/CoordinateRepresentation	Yes	variable_attribute_dict_key.sed
FRAME	NumericalData/Parameter/CoordinateSystem/CoordinateRepresentation	Yes	variable_attribute_frame_to_coordinate_representation.sed
REPRESENTATION_1	NumericalData/Parameter/CoordinateSystem/CoordinateRepresentation	Yes	
DISPLAY_TYPE	NumericalData/Parameter/RenderingHints/DisplayType	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
LABLAXIS	NumericalData/Parameter/RenderingHints/AxisLabel	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
	NumericalData/Parameter/RenderingHints/RenderingAxis	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
	NumericalData/Parameter/RenderingHints/Index	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
FORMAT	NumericalData/Parameter/RenderingHints/ValueFormat	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
FORM_PTR	NumericalData/Parameter/RenderingHints/ValueFormat	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
SCALEMIN	NumericalData/Parameter/RenderingHints/ScaleMin	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
SCALEMAX	NumericalData/Parameter/RenderingHints/ScaleMax	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
SCALETYP	NumericalData/Parameter/RenderingHints/ScaleType	SPASE	SPASE Rendering Hints Structure needed inside of SPASE Element Structure
PROPERTY	NumericalData/Parameter/Structure/Size		
SCALEMIN	NumericalData/Parameter/Structure/Size		
DEPEND_1	NumericalData/Parameter/Structure/Element/Name		
	NumericalData/Parameter/Structure/Element/Qualifier	***	
SI_CONVERSION	NumericalData/Parameter/Structure/Element/Index	Yes	Automatically loop indexed
LABL_PTR_1	NumericalData/Parameter/Structure/Element/ParameterKey		
UNIT_PTR	NumericalData/Parameter/Structure/Element/Units		
Not Applicable	NumericalData/Parameter/Structure/Element/UnitsConversion	Yes	variable_attribute_si_conversion.sed
VALIDMIN	NumericalData/Parameter/Structure/Element/ValidMin		
VALIDMAX	NumericalData/Parameter/Structure/Element/ValidMax		
FILLVAL	NumericalData/Parameter/Structure/Element/FillValue		
Not Applicable	NumericalData/Parameter/Particle/ParticleType	Yes	Not fully implemented
FIELDNAM	NumericalData/Parameter/Support/SupportQuantity	Yes	Not fully implemented
Not Applicable	NumericalData/Parameter/Support/SupportQuantity	Yes	Scan variable_info.name to search for ephemeris and other positional variables