

Namespace Id (1)	Name	Description	Directory Namespace Id (2)	XML Schema Namespace	Namespace Prefix (3)	Logical Identifier Prefix	Schema File Name Prefix (4)	Governance Level	Registration Authority	Steward Node Name	Steward Id	Steward Lead (6)	Steward (Contact)	Contact Email Address	Oversight (5)	Registration Date	Name of Provider	Dictionary Exists	Registered in PDS	Registration Date in PDA
Common	Planetary Data System	Namespace for the PDS's common dictionary.	pds	http://pds.nasa.gov/pds4/pds/v1	pds	urn:nasa:pds	PDS4_PDS	Common	0001_NASA_PDS_1	Planetary Data System	pds	PDS EN Node	Steve Hughes	Steve.Hughes@jpl.nasa.gov	CLB	2012-04-08	S. Hughes	Yes	Yes	
International	darts	Namespace for the DARTS (JAXA) dictionary.	darts	http://darts.isas.jaxa.jp/pds4/	darts	urn:jaxa:darts	PDS4_DARTS	Discipline	0001_JAXA_DARTS_1	Data Archive and Transmission System	darts	DARTS (JAXA)	Yukio Yamamoto	yamamoto.yukio@jaxa.jp		2017-03-24	S. Hughes	Yes	Yes	
	isda	Namespace for the ISRO dictionary.	isda	TBD	isda	urn:isro:isda	PDS4_ISDA	Discipline	0001_ISRO_ISDA_1		isda	ISRO	B N Ramakrishna	ramki@isro.gov.in		2017-07-04	Ajay Kumar Prashar	Yes	Yes	
	kpds	Namespace for the Korea Aerospace Research Institute (KARI) - KARI Planetary Data System(KPOS).	kpds	https://www.kari.re.kr/kpds	kpds	urn:kari:kpds	PDS4_KPDS	Discipline	0001_KARI_KPDS_1	Korea Aerospace Research Institute (KARI)	kpds	KARI	Jooyeon Kim (KPOS Manager)	mk030@kari.re.kr		2021-08-16	Jooyeon Kim	Yes	Yes	
	esa	Namespace for ESA PDA's dictionary.	esa	http://esa.esa.int/esa/v1	esa	urn:esa:esa	PDS4_ESA	Discipline	0001_ESA_ESA_1	Planetary Science Archive	esa	ESA PDA	Tamas Linc	tlinc@scienc.esa.int		2015-09-01	S. Martine	Yes	Yes	9/30/2015
ESA	ESA (IRI)	Namespace for the ESA (IRI) dictionary.	esa	TBD	esa	urn:esa:esa	PDS4_ESA	Discipline	0001_ESA_ESA_1	Planetary Science Archive	esa	ESA (IRI)	Chris Batten	cbatt@remotesensing.esa.int		2012-01-17	S. Hughes	Yes	Yes	
	epn	Namespace for the VESPA EPN dictionary.	epn	https://vespa-rs.obspm.fr/pds4/epn/v1	epn	urn:vespa:epn	VESPA_EPN	Discipline	0001_VESPA_EPN_1	Virtual European Solar and Planetary Access	epn	VESPA	Baptiste Cecconi	baptiste.cecconi@observatoiredeparis.psl.eu		2020-10-28	S. Hughes	Yes	Yes	
Discipline	alt	Namespace for the PPI Node's Alternate dictionary.	alt	http://pds.nasa.gov/pds4/alt/v1	alt	urn:nasa:pds	PDS4_ALT	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppl	PDS PPI Node	Joseph Mafi	jmafi@tsgg.ac.uk		2015-04-24	T. King	Yes	Yes	
	atm	Namespace for the Atmosphere node's dictionary.	atm	http://pds.nasa.gov/pds4/atm/v1	atm	urn:nasa:pds	PDS4_ATM	Discipline	0001_NASA_PDS_1	Atmospheres	atm	PDS ATM Node	Lyle Huber	lhuber@nmsu.edu		2015-04-01	S. Hughes	Yes	Yes	
	cart	The Cartography Dictionary contains classes, elements, attributes, and rules describing map projections, including both cartographic and lander related definitions and descriptions. The PDS Cartography dictionary is based on and utilizes the existing Federal Geographic Data Committee (FGDC) Content Standard for Digital Geospatial Metadata, with modifications and extensions applied by PDS as needed for planetary mapping application.	cart	http://pds.nasa.gov/pds4/cart/v1	cart	urn:nasa:pds	PDS4_CART	Discipline	0001_NASA_PDS_1	Cartography	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2015-10-22	C. Isbell	Yes	Yes	
	ctli	The CTU dictionary provides a set of type values for instruments for use in instrument context products.	ctli	http://pds.nasa.gov/pds4/ctli/v1	ctli	urn:nasa:pds	PDS4_CTU	Discipline	0001_NASA_PDS_1	CTU	atm	PDS ATM Node	Lyle Huber	lhuber@nmsu.edu		2021-05-18	Lyle Huber	Yes	Yes	
diso	Display	The Display Dictionary contains classes, attributes, and rules for specifying how arrays (images) as stored, should be displayed to users. For example, defining the vertical display direction 'Bottom to Top' or horizontal direction 'Left to Right' and it can provide guidance on mapping multiband arrays for color display (red, green, and blue) or as a movie sequence (video).	diso	http://pds.nasa.gov/pds4/disp/v1	diso	urn:nasa:pds	PDS4_DISP	Discipline	0001_NASA_PDS_1	Display	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2013-06-10	M. Gordon	Yes	Yes	
ebt	Earth-Based Telescope	This namespace will provide observing parameters, provenance, and geometry relevant to ground-based telescopes on Earth and for Earth-orbiting (or Lagrange point) telescopes	ebt	http://pds.nasa.gov/pds4/ebt/v1	ebt	urn:nasa:pds	PDS4_EBT	Discipline	0001_NASA_PDS_1	Small Bodies	sbm	PDS SBM	Ben Hirsch	bhirsch1@umd.edu		2021-07-21	B. Hirsch	Yes	Yes	
geom	Geometry	The Geometry Dictionary contains classes, attributes, and rules for specifying the geometry parameters associated with science observations.	geom	http://pds.nasa.gov/pds4/geom/v1	geom	urn:nasa:pds	PDS4_GEOM	Discipline	0001_NASA_PDS_1	Geometry	geo	PDS GEO Node	Edward Guinness, Mitchell Gordon	guinness@wunder.wustl.edu, mgordon@ucl.ac.uk		2015-04-01	M. Gordon	Yes	Yes	
img	Imaging	The Imaging Dictionary contains classes, attributes, and rules for specifying the metadata associated with imaging and spectrometer data products.	img	http://pds.nasa.gov/pds4/img/v1	img	urn:nasa:pds	PDS4_IMG	Discipline	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2012-04-24	S. Lavoie	Yes	Yes	
img_surface	Surface Imaging	The Surface Imaging Dictionary contains classes, attributes, and rules for specifying the metadata associated with imaging and spectrometer data products of surface missions.	img_surface	http://pds.nasa.gov/pds4/img_surface/v1	img_surface	urn:nasa:pds	PDS4_IMG_SURFACE	Discipline	0001_NASA_PDS_1	Imaging Surface	img_surface	PDS IMG Node	Trent Hare	thare@uugs.gov		2019-09-26	C. De Cesare	Yes	Yes	
ml	Machine Learning Classifier	Machine Learning Classifier Discipline Local Data Dictionary	ml	http://pds.nasa.gov/pds4/mission/ml/v1	ml	urn:nasa:pds	PDS4_ML	Discipline	0001_NASA_PDS_1	Machine Learning	img	PDS IMG Node	Mike McAuley	Michael.McAuley@jpl.nasa.gov		2021-05-17	McAuley	Yes	Yes	
mun	Mission Information	The sub-directory for the Mission Information class namespace. Commons	mun	http://pds.nasa.gov/pds4/mission/mun/v1	mun	urn:nasa:pds	PDS4_MSN	Discipline	0001_NASA_PDS_1	Generic Mission	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2016-10-07	S. Hughes	Yes	Yes	
mun_surface	Surface Mission Information	The Surface Mission Information dictionary contains classes, attributes, and rules for specifying metadata elements which are specific to the data products of surface missions but are common among multiple land missions.	mun_surface	http://pds.nasa.gov/pds4/mun_surface/v1	mun_surface	urn:nasa:pds	PDS4_MSN_SURFACE	Discipline	0001_NASA_PDS_1	Mission Surface	mun_surface	PDS IMG Node	Trent Hare	thare@uugs.gov		2019-09-26	C. De Cesare	Yes	Yes	
multi	Multidimensional	The Multi-dictionary contains classes that describe the composition of multidimensional data consisting of Array (and Array subelement) data objects. It provides a way to associated data objects and align the objects in general multi-dimensional structures.	multi	http://pds.nasa.gov/pds4/multi/v1	multi	urn:nasa:pds	PDS4_MULT1	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppl	PDS PPI Node	Joseph Mafi	jmafi@tsgg.ac.uk		2021-03-02	J. Mafi	Yes	Yes	
nucspec	Nuclear Spectroscopy	The Nuclear Spectroscopy dictionary provides classes, attributes, and rules for describing the circumstances surrounding nuclear spectroscopy observations.	nucspec	http://pds.nasa.gov/pds4/nucspec/v1	nucspec	urn:nasa:pds	PDS4_NUCSPEC	Discipline	0001_NASA_PDS_1	nucspec	nucspec	PDS SBM/PSI	Jesse Stone	jstone@psi.edu		2020-10-06	Jesse Stone	Yes	Yes	
particle	Particle	The Particle dictionary contains classes that describe the composition of multidimensional particle data consisting of Array (and Array subelement) data objects.	particle	http://pds.nasa.gov/pds4/particle/v1	particle	urn:nasa:pds	PDS4_PARTICLE	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppl	PDS PPI Node	Joseph Mafi	jmafi@tsgg.ac.uk		2015-04-24	T. King	Yes	Yes	
pds	PDS Operations	Namespace for the Operations dictionary.	pds	http://pds.nasa.gov/pds4/pds/v1	pds	urn:nasa:pds	PDS4_PDS	Discipline	0001_NASA_PDS_1	Operations	ops	PDS EN Node	Steve Hughes	Steve.Hughes@jpl.nasa.gov		2012-04-08	S. Hughes	Yes	Yes	
ppi	PPI	Namespace for the PPI Node's dictionary.	ppi	http://pds.nasa.gov/pds4/ppi/v1	ppi	urn:nasa:pds	PDS4_PPI	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppl	PDS PPI Node	Joseph Mafi	jmafi@tsgg.ac.uk		2012-04-01	S. Hughes	Yes	Yes	
proc	Processing Information	The Processing Information Dictionary contains detailed information regarding the history of processing performed on data products in order to produce the current product.	proc	http://pds.nasa.gov/pds4/proc/v1	proc	urn:nasa:pds	PDS4_PROC	Discipline	0001_NASA_PDS_1	Processing History	proc	PDS IMG Node	Trent Hare	thare@uugs.gov		2019-09-26	C. De Cesare	Yes	Yes	
rings	Rings	The Rings Dictionary contains classes supporting planetary ring observations including ring-specific geometric parameters.	rings	http://pds.nasa.gov/pds4/rings/v1	rings	urn:nasa:pds	PDS4_RINGS	Discipline	0001_NASA_PDS_1	Ring-Moon Systems	rings	PDS Rings Node	Mitchell Gordon	mgordon@ucl.ac.uk		2012-04-01	M. Gordon	Yes	Yes	
sb	Small Bodies Node Dictionary	This dictionary will provide classes to support the documentation, support, discovery, and reuse of data from, by, and for small bodies research.	sb	http://pds.nasa.gov/pds4/sb/v1	sb	urn:nasa:pds	PDS4_SB	Discipline	0001_NASA_PDS_1	Small Bodies	sbm	PDS SBM	Anne Raugh	araugh@umd.edu		2023-01-17	S. Hughes	Yes	Yes	
sp	Spectral	The Spectral (sp) Discipline Dictionary contains classes for defining the spectral bin characteristics (in wavelength, frequency, or wave number) of a data product.	sp	http://pds.nasa.gov/pds4/sp/v1	sp	urn:nasa:pds	PDS4_SP	Discipline	0001_NASA_PDS_1	Spectral	sbm	PDS SBM	Anne Raugh	araugh@umd.edu		2013-11-11	A. Raugh	Yes	Yes	
spectib	Spectral Library	The Spectral Library Data Dictionary defines the metadata terms that describe laboratory spectral measurements, including classification of the samples measured.	spectib	http://pds.nasa.gov/pds4/spectib/v1	spectib	urn:nasa:pds	PDS4_SPECIB	Discipline	0001_NASA_PDS_1	Spectral Library	spectib	PDS GEO Node	Susie Slawney	slawney@wunder.wustl.edu		2017-05-15	S. Slawney	Yes	Yes	
survey	Survey	The Survey dictionary provides classes, attributes, and rules for describing the circumstances surrounding sky survey observations.	survey	http://pds.nasa.gov/pds4/survey/v1	survey	urn:nasa:pds	PDS4_SURVEY	Discipline	0001_NASA_PDS_1	Survey	survey	PDS SBM/PSI	Jesse Stone	jstone@psi.edu		2020-10-06	Jesse Stone	Yes	Yes	
apollo	Apollo	The Apollo Mission Dictionary (apollo) contains classes, attributes and rules specific to the Apollo missions and their instruments.	mission/apollo	http://pds.nasa.gov/pds4/mission/apollo/v1	apollo	urn:nasa:pds	APOLLO	Mission	0001_NASA_PDS_1	APOLLO	geo	PDS GEO Node	Jennifer Ward	jward@wustl.edu		2022-08-16	J. Ward	Yes	Yes	
bopps	Balloon Observation Platform for Planetary Science	Namespace for the BOPPS dictionary.	mission/bopps	http://pds.nasa.gov/pds4/mission/bopps/v1	bopps	urn:nasa:pds	BOPPS	Mission	0001_NASA_PDS_1	BOPPS	sbm	PDS SBM	Anne Raugh	araugh@umd.edu		2015-03-24	A. Raugh	Yes	Yes	
clementine	Clementine	The Clementine mission dictionary contains a class with attributes specific to the Deep Space Program Science Experiment, including the Clementine orbiter and its instruments. This dictionary was created for the migration of Clementine data products from PDS3 to PDS4 by Mission Concepts (contact M. St. Clair).	clementine	http://pds.nasa.gov/pds4/clementine/v1	clementine	urn:nasa:pds	PDS4_CLEMENTINE	Mission	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2021-05-11	Trent Hare	Yes	Yes	
clipper	Clipper	The Europa Clipper mission dictionary contains classes that describe aspects of the Clipper mission and related instruments.	clipper	http://pds.nasa.gov/pds4/clipper/v1	clipper	urn:nasa:pds	PDS4_CLIPPER	Mission	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2021-07-08	Trent Hare	Yes	Yes	
clps	CLPS	The Commercial Lunar Payload Services Mission Dictionary (clps) contains classes, attributes and rules specific to the CLPS mission and their instruments.	clps	http://pds.nasa.gov/pds4/clps/v1	clps	urn:nasa:pds	PDS4_CLPS	Mission	0001_NASA_PDS_1	Geo	geo	PDS GEO Node	Jennifer Ward	jward@wustl.edu		2023-03-09	Jennifer Ward	Yes	Yes	
dart	DART	This namespace provides classes specific to the NASA DART mission and, potentially, the concurrent LUIGI-class mission.	dart	http://pds.nasa.gov/pds4/dart/v1	dart	urn:nasa:pds	PDS4_DART	Mission	0001_NASA_PDS_1	SBM	sbm	PDS SBM	Ben Hirsch	bhirsch1@umd.edu		2021-08-16	A. Raugh	Yes	Yes	
hst	Hubble Space Telescope	Namespace for the Hubble Space Telescope Mission Dictionary. This is the Hubble2/3 Mission Specifics Data Dictionary.	mission/hst	http://pds.nasa.gov/pds4/mission/hst/v1	hst	urn:nasa:pds	PDS4_HST	Mission	0001_NASA_PDS_1	Ring-Moon Systems	rings	PDS GEO Node	Matthew Tiscareno	mtatt@ucl.ac.uk		2022-05-26	M. Tiscareno	Yes	Yes	
hyb2	Hayabusa 2	Namespace for the Hayabusa2 Mission Specifics Data Dictionary.	mission/hyb2	http://darts.isas.jaxa.jp/pds4/mission/hyb2/v1	hyb2	urn:jaxa:darts	PDS4_HYB2	Mission	0001_JAXA_DARTS_1	DARTS	darts	DARTS	Yukio Yamamoto	yamamoto.yukio@jaxa.jp		2020-12-28	Y. Yamamoto	Yes	Yes	
ira	Infrared Astronomical Satellite	Namespace for the Infrared Astronomical Satellite.	mission/ira	http://pds.nasa.gov/pds4/mission/ira/v1	ira	urn:nasa:pds	PDS4_IRAS	Mission	0001_NASA_PDS_1	SBM	sbm	PDS SBM	Kristina Lopez	klopez@psi.edu		2022-06-21	K. Lopez	Yes	Yes	
kpds	Korea Pathfinder Lunar Orbiter	Namespace for the Korea Pathfinder Lunar Orbiter(KPOL).	mission/kpds	https://www.kari.re.kr/kpds	kpds	urn:kari:kpds	PDS4_KPDS	Mission	0001_KARI_KPDS_1	kpds	kpds	KARI	Eunhyeon Kim	eunhyeon@kari.re.kr		2021-08-16	Jooyeon Kim	Yes	Yes	
insight	Insight	Namespace for the Insight dictionary.	mission/insight	http://pds.nasa.gov/pds4/mission/insight/v1	insight	urn:nasa:pds	PDS4_INSIGHT	Mission	0001_NASA_PDS_1	Insight	aeo	PDS GEO Node	Susie Slawney	slawney@wunder.wustl.edu		2015-04-25	S. Slawney	Yes	Yes	
ladee	LADEE	Namespace for the LADEE dictionary.	mission/ladee	http://pds.nasa.gov/pds4/mission/ladee/v1	ladee	urn:nasa:pds	LADEE	Mission	0001_NASA_PDS_1	LADEE	atm	PDS ATM Node	Lyle Huber	lhuber@nmsu.edu		2014-07-17	L. Huber	Yes	Yes	
lader	LADER	Namespace for the Atmosphere Node's LADER dictionary.	mission/lader	http://pds.nasa.gov/pds4/lader/v1	lader	urn:nasa:pds	LADER	Mission	0001_NASA_PDS_1	LADER	atm	PDS ATM Node	Lyle Huber	lhuber@nmsu.edu		2014-07-17	L. Huber	Yes	Yes	
lt	Lunar Trailblazer	Namespace for the Geo Node's Lunar Trailblazer dictionary.	mission/lt	http://pds.nasa.gov/pds4/lt/v1	lt	urn:nasa:pds	LT	Mission	0001_NASA_PDS_1	LT	atm	PDS GEO Node	Susie Slawney	slawney@wunder.wustl.edu		2022-02-26	S. Slawney	Yes	Yes	
lucy	Lucy Mission	Namespace for the Lucy Mission Dictionary.	mission/lucy	http://pds.nasa.gov/pds4/lucy/v1	lucy	urn:nasa:pds	LUCY	Mission	0001_NASA_PDS_1	SBM	sbm	PDS SBM	Michael Kelley	mk@astro.umd.edu		2023-01-11	M. Kelley	Yes	Yes	
mar2020	Mars 2020 Mission	Namespace for the Mars2020 Mission Local Data Dictionary.	mission/mars2020	http://pds.nasa.gov/pds4/mission/mars2020/v1	mar2020	urn:nasa:pds	PDS4_MARS2020	Mission	0001_NASA_PDS_1	Mars 2020	geo	PDS GEO Node	Susie Slawney	slawney@wunder.wustl.edu		2021-05-17	S. Slawney	Yes	Yes	
mer	Mars Exploration Rover	Namespace for the Mars Exploration Rover dictionary.	mission/mer	http://pds.nasa.gov/pds4/mission/mer/v1	mer	urn:nasa:pds	PDS4_MER	Mission	0001_NASA_PDS_1	MER	aeo	PDS GEO Node	Susie Slawney	slawney@wunder.wustl.edu		2020-04-14	S. Slawney	Yes	Yes	
magellan	Magellan	Namespace for the Magellan dictionary.	mission/magellan	http://pds.nasa.gov/pds4/mission/magellan/v1	magellan	urn:nasa:pds	PDS4_MAGN	Mission	0001_NASA_PDS_1	MAGN	aeo	PDS GEO Node	Jennifer Ward	jward@wustl.edu		2023-08-08	J. Ward	Yes	Yes	
mes	Mars Global Surveyor	Namespace for the Mars Global Surveyor dictionary.	mission/mgs	http://pds.nasa.gov/pds4/mission/mgs/v1	mgs	urn:nasa:pds	PDS4_MGS	Mission	0001_NASA_PDS_1	MGS	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2013-11-20	S. Lavoie	Yes	Yes	
mpf	Mars Pathfinder	Namespace for the Mars Pathfinder dictionary.	mission/mpf	http://pds.nasa.gov/pds4/mission/mpf/v1	mpf	urn:nasa:pds	PDS4_MPF	Mission	0001_NASA_PDS_1	MPP	img	PDS IMG Node	Trent Hare	thare@uugs.gov		2015-08-04	J. Padams	Yes	Yes	
msl	Mars Science Laboratory	Namespace for the Mars Science Laboratory dictionary.	mission/msl	http://pds.nasa.gov/pds4/mission/msl/v1	msl	urn:nasa:pds	PDS4_MSL	Mission	0001_NASA_PDS_1	MSL	geo	PDS GEO Node	Jennifer Ward	jward@wustl.edu		2012-01-01	J. Ward	Yes	Yes	
mvn	MAVEN	Namespace for the MAVEN dictionary.	mission/mvn	http://pds.nasa.gov/pds4/mission/mvn/v1	mvn	urn:nasa:pds	PDS4_MVN	Mission	0001_NASA_PDS_1	MVN	ppl	PDS PPI Node	Joseph Mafi	jmafi@tsgg.ac.uk		2015-06-01	J. Mafi	Yes	Yes	
mvn	MAVEN	Namespace for the PPI Node's MAVEN dictionary.	mvn	http://pds.nasa.gov/pds4/mvn/v1	mvn	urn:nasa:pds	PDS4_MVN	Mission	0001_NASA_PDS_1	MVN	ppl	PDS PPI Node	Joseph Mafi	jmafi@tsgg.ac.uk		2015-06-01	J. Mafi	Yes	Yes	

mro	Mars Reconnaissance Orbiter	Namespace for the Mars Reconnaissance Orbiter.	mro	http://pds.nasa.gov/pds4/mro/v1	mro	urn:nasa-pds: PDS4_MRO	Mission	0001_NASA_PDS_1	MRO	geo	PDS GEO Node	Jennifer Ward	jward@wustl.edu			2022-09-26	J. Ward	Yes	Yes	
near	Near Earth Asteroid Rendezvous Mission	Namespace for the Near Earth Asteroid Rendezvous Mission dictionary.	mission/near	http://pds.nasa.gov/pds4/mission/near/v1	near	urn:nasa-pds: PDS4_NEAR	Mission	0001_NASA_PDS_1	NEAR	geo	PDS GEO Node	Kristina Lopez	klopez@psi.edu			2022-06-01	Kristina Lopez	Yes	Yes	
neas	New Earth Asteroid Scout	Namespace for the New Earth Asteroid Scout dictionary.	mission/neas	http://pds.nasa.gov/pds4/mission/neas/v1	neas	urn:nasa-pds: PDS4_NEAS	Mission	0001_NASA_PDS_1	NEAS	isbn	PDS SBN-P3	Carol Neese	neese@psi.edu			2020-02-20	C. Neese	Yes	Yes	
nh	New Horizons Primary and Extended Missions	Namespace for the New Horizons Primary and Extended Missions dictionary.	mission/nh	http://pds.nasa.gov/pds4/mission/nh/v1	nh	urn:nasa-pds: PDS4_NH	Mission	0001_NASA_PDS_1	NH	isbn	PDS SBN-P3	Adeline Cisequel	acisequel@unl.edu			2022-03-29	A. Raugh	Yes	Yes	
ody	2001 Mars Odyssey	Namespace for the 2001 Mars Odyssey dictionary.	mission/ody	http://pds.nasa.gov/pds4/mission/ody/v1	ody	urn:nasa-pds: PDS4_ODY	Mission	0001_NASA_PDS_1	ODY	isbn	PDS SBN	Daniel Politte	dpolitte@wunder.wustl.edu			2022-06-21	Daniel Politte	Yes	Yes	
oreo	OSIRIS-REx	Namespace for the OSIRIS-REx dictionary.	mission/oreo	http://pds.nasa.gov/pds4/mission/oreo/v1	oreo	urn:nasa-pds: PDS4_ORIO	Mission	0001_NASA_PDS_1	OREX	isbn	PDS SBN-P3	Carol Neese	neese@psi.edu			2014-05-12	A. Raugh	Yes	Yes	
orca	Venus Climate Orbiter Akatsuki Mission Local Data Dictionary	The Venus Climate Orbiter Akatsuki Mission Local Data Dictionary	mission/vco	http://darts.iiasa.jica.jp/pds4/mission/vco/v1	vco	urn:jica-darts: PDS4_VCO	Mission	0001_JAXA_DARTS_1	DARTS	darts	DARTS	Shin-ya Murakami	murakami.shinya@iiasa.jica.jp			2025-09-24	Shin-ya Murakami	Yes	Yes	
psyche	Psyche Mission	Namespace for the Psyche dictionary.	mission/psyche	http://pds.nasa.gov/pds4/mission/psyche/v1	psyche	urn:nasa-pds: PDS4_PSYCHE	Mission	0001_NASA_PDS_1	PSYCHE	isbn	PDS SBN-P3	Carol Neese	neese@psi.edu			2023-09-20	C. Neese	Yes	Yes	
ver1	Voyager 1	Namespace for the Voyager 1 Spacecraft dictionary.	mission/ver1	http://pds.nasa.gov/pds4/mission/ver1/v1	ver1	urn:nasa-pds: PDS4_V01	Mission	0001_NASA_PDS_1	V01	eei	PDS PPI Node	Joseph Maffi	jmaffi@atmos.wisc.edu			2022-10-04	J. Maffi	Yes	Yes	
ver2	Voyager 2	Namespace for the Voyager 2 Spacecraft dictionary.	mission/ver2	http://pds.nasa.gov/pds4/mission/ver2/v1	ver2	urn:nasa-pds: PDS4_V02	Mission	0001_NASA_PDS_1	V02	eei	PDS PPI Node	Joseph Maffi	jmaffi@atmos.wisc.edu			2023-10-04	J. Maffi	Yes	Yes	
vgr	Voyager	Namespace for the Voyager Mission dictionary.	mission/vgr	http://pds.nasa.gov/pds4/mission/vgr/v1	vgr	urn:nasa-pds: PDS4_VGR	Mission	0001_NASA_PDS_1	VGR	ringi	PDS Rings Node	Matthew Tiscornio	matti@upei.org			2023-09-18	M. Tiscornio	Yes	Yes	
vikinglander	Viking Lander	The Viking Lander mission dictionary contains classes and attributes specific to the Viking Lander mission and its instruments.	mission/vikinglander	http://pds.nasa.gov/pds4/mission/vikinglander/v1	vikinglander	urn:nasa-pds: PDS4_VIKINGLANDER	Mission	0001_NASA_PDS_1	VIKINGLANDER	geo	PDS GEO Node	Jennifer Ward	jward@wustl.edu			2024-07-14	J. Ward	Yes	Yes	
viper	Volatiles Investigating Polar Exploration Rover	The VIPER mission dictionary contains classes and attributes specific to the VIPER mission and its instruments.	mission/viper	http://pds.nasa.gov/pds4/mission/viper/v1	viper	urn:nasa-pds: PDS4_VIPER	Mission	0001_NASA_PDS_1	VIPER	geo	PDS GEO Node	Madison Touran	mthughes@wustl.edu			2023-04-15	M. Touran	Yes	Yes	
bc	BepiColombo	Namespace for the BepiColombo schema.	bc	http://psa.esa.int/psa/bc/v1	bc	urn:esa-psa: PDS4_PSA_BC	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	umarinez@sciops.esa.int			2019-11-18	S. Martinez	Yes	No	
bc_mtm_cam	BepiColombo	Namespace for the BepiColombo MCAM schema.	mtcam	http://psa.esa.int/psa/bc/mtm/cam/v1	mtcam	urn:esa-psa: PDS4_PSA_BC_MCAM	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_bel	BepiColombo	Namespace for the BepiColombo BELA schema.	bel	http://psa.esa.int/psa/bc/mipo/bel/v1	bel	urn:esa-psa: PDS4_PSA_BC_MPO_BEL	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_ber	BepiColombo	Namespace for the BepiColombo BERM schema.	berm	http://psa.esa.int/psa/bc/mipo/ber/v1	berm	urn:esa-psa: PDS4_PSA_BC_MPO_BER	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_isa	BepiColombo	Namespace for the BepiColombo ISA schema.	isa	http://psa.esa.int/psa/bc/mipo/isa/v1	isa	urn:esa-psa: PDS4_PSA_BC_MPO_ISA	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_mag	BepiColombo	Namespace for the BepiColombo MPO-MAG schema.	mag	http://psa.esa.int/psa/bc/mipo/mag/v1	mag	urn:esa-psa: PDS4_PSA_BC_MPO_MAG	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_mer	BepiColombo	Namespace for the BepiColombo MERTIS schema.	meris	http://psa.esa.int/psa/bc/mipo/mer/v1	meris	urn:esa-psa: PDS4_PSA_BC_MPO_MER	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_mgn	BepiColombo	Namespace for the BepiColombo MGNs schema.	mgnis	http://psa.esa.int/psa/bc/mipo/mgn/v1	mgnis	urn:esa-psa: PDS4_PSA_BC_MPO_MGN	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_mix	BepiColombo	Namespace for the BepiColombo MNS schema.	mns	http://psa.esa.int/psa/bc/mipo/mix/v1	mns	urn:esa-psa: PDS4_PSA_BC_MPO_MIX	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_mre	BepiColombo	Namespace for the BepiColombo MDRB schema.	more	http://psa.esa.int/psa/bc/mipo/mre/v1	more	urn:esa-psa: PDS4_PSA_BC_MPO_MRE	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_phe	BepiColombo	Namespace for the BepiColombo PHEBUS schema.	phebus	http://psa.esa.int/psa/bc/mipo/phe/v1	phebus	urn:esa-psa: PDS4_PSA_BC_MPO_PHE	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_srn	BepiColombo	Namespace for the BepiColombo SERENA schema.	serena	http://psa.esa.int/psa/bc/mipo/srn/v1	serena	urn:esa-psa: PDS4_PSA_BC_MPO_SRN	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_sim	BepiColombo	Namespace for the BepiColombo SIMBIO-SYS schema.	simbioys	http://psa.esa.int/psa/bc/mipo/sim/v1	simbioys	urn:esa-psa: PDS4_PSA_BC_MPO_SIM	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
bc_mpo_six	BepiColombo	Namespace for the BepiColombo SIXS schema.	sixs	http://psa.esa.int/psa/bc/mipo/six/v1	sixs	urn:esa-psa: PDS4_PSA_BC_MPO_SIX	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley@esa.int			2019-11-18	M.S. Bentley	Yes	No	
chan1	Chandrayaan-1	Chandrayaan-1 mission dictionary	mission/chan1	http://pds.nasa.gov/pds4/mission/chan1/v1	chan1	urn:nasa-pds: PDS4_CHAN1	Mission	0001_NASA_PDS_1	chan1	chan1	PDS GEO and PDS MAG	Susan Slawney	slawney@wunder.wustl.edu			2020-10-07	S. Slawney	Yes	Yes	
em16	ExoMars16	Namespace for the ExoMars16 schema.	em16	http://psa.esa.int/psa/em16/v1	em16	urn:esa-psa: PDS4_PSA_EM16	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	Yes	No	
em16_tgo_acs	ExoMars16	Namespace for the ExoMars16 ACS Instrument schema.	acs	http://psa.esa.int/psa/em16/tgo/acs/v1	acs	urn:esa-psa: PDS4_PSA_EM16_TGO_ACS	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science Operations Centre	dcsla@sciops.esa.int			2019-11-18	D. Coia	Yes	No	
em16_tgo_cas	ExoMars16	Namespace for the ExoMars16 CaSSIS Instrument schema.	cas	http://psa.esa.int/psa/em16/tgo/cas/v1	cas	urn:esa-psa: PDS4_PSA_EM16_TGO_CAS	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	Yes	No	
em16_tgo_rnd	ExoMars16	Namespace for the ExoMars16 NOMAD Instrument schema.	rnd	http://psa.esa.int/psa/em16/tgo/rnd/v1	rnd	urn:esa-psa: PDS4_PSA_EM16_TGO_NOMAD	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	Yes	No	
em16_tgo_frd	ExoMars16	Namespace for the ExoMars16 FREND Instrument schema.	frd	http://psa.esa.int/psa/em16/tgo/frd/v1	frd	urn:esa-psa: PDS4_PSA_EM16_TGO_FRD	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science Operations Centre	dcsla@sciops.esa.int			2019-11-18	D. Coia	Yes	No	
emrsp	ExoMarsRSP	Namespace for the ExoMarsRSP mission schema.	emrsp	http://psa.esa.int/psa/emrsp/v1	emrsp	urn:esa-psa: PDS4_PSA_EMRSP	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm	ExoMarsRSP	Namespace for the ExoMarsRSP Rover Host schema.	rm	https://psa.esa.int/psa/emrsp/rm/v1	rm	urn:esa-psa: PDS4_PSA_EMRSP_RM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	Yes	No	
emrsp_rm_nav	ExoMarsRSP	Namespace for the ExoMarsRSP NavCam Instrument schema.	nav	https://psa.esa.int/psa/emrsp/rm/nav/v1	nav	urn:esa-psa: PDS4_PSA_EMRSP_RM_NAV	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_loc	ExoMarsRSP	Namespace for the ExoMarsRSP LocCam Instrument schema.	loc	https://psa.esa.int/psa/emrsp/rm/loc/v1	loc	urn:esa-psa: PDS4_PSA_EMRSP_RM_LOC	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_pan	ExoMarsRSP	Namespace for the ExoMarsRSP PanCam Instrument schema.	pan	https://psa.esa.int/psa/emrsp/rm/pan/v1	pan	urn:esa-psa: PDS4_PSA_EMRSP_RM_PAN	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_dem	ExoMarsRSP	Namespace for the ExoMarsRSP DEM Instrument schema.	dem	https://psa.esa.int/psa/emrsp/rm/dem/v1	dem	urn:esa-psa: PDS4_PSA_EMRSP_RM_DEM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_ciu	ExoMarsRSP	Namespace for the ExoMarsRSP CIUT Instrument schema.	ciu	https://psa.esa.int/psa/emrsp/rm/ciu/v1	ciu	urn:esa-psa: PDS4_PSA_EMRSP_RM_CIU	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_wis	ExoMarsRSP	Namespace for the ExoMarsRSP WISDOM Instrument schema.	wis	https://psa.esa.int/psa/emrsp/rm/wis/v1	wis	urn:esa-psa: PDS4_PSA_EMRSP_RM_WIS	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_arm	ExoMarsRSP	Namespace for the ExoMarsRSP ADRON_RM Instrument schema.	arm	https://psa.esa.int/psa/emrsp/rm/arm/v1	arm	urn:esa-psa: PDS4_PSA_EMRSP_RM_ARM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_mis	ExoMarsRSP	Namespace for the ExoMarsRSP MaMES Instrument schema.	mis	https://psa.esa.int/psa/emrsp/rm/mis/v1	mis	urn:esa-psa: PDS4_PSA_EMRSP_RM_MIS	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_mic	ExoMarsRSP	Namespace for the ExoMarsRSP MicOmega Instrument schema.	mic	https://psa.esa.int/psa/emrsp/rm/mic/v1	mic	urn:esa-psa: PDS4_PSA_EMRSP_RM_MIC	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_mom	ExoMarsRSP	Namespace for the ExoMarsRSP MOMA Instrument schema.	mom	https://psa.esa.int/psa/emrsp/rm/mom/v1	mom	urn:esa-psa: PDS4_PSA_EMRSP_RM_MOM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
emrsp_rm_rls	ExoMarsRSP	Namespace for the ExoMarsRSP RLS Instrument schema.	rls	https://psa.esa.int/psa/emrsp/rm/rls/v1	rls	urn:esa-psa: PDS4_PSA_EMRSP_RM_RLS	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sciops.esa.int			2019-11-18	T. Lim	No	No	
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gph	Geophysical	Namespace for the DRI Example products dictionary.	gph	http://pds.nasa.gov/pds4/gph/v1	gph	urn:nasa-pds: PDS4_GPH	Discipline	0001_NASA_PDS_1	Engineering	en	PDS EN Node	Steve Hughes	shughes@atmos.wisc.edu			2018-05-17	S. Hughes			
geo	Geosciences	Namespace for the Geosciences node's dictionary.	geo	http://pds.nasa.gov/pds4/geo/v1	geo	urn:nasa-pds: PDS4_GEO	Discipline	0001_NASA_PDS_1	Geosciences	geo	PDS GEO Node	Edward Guinness	eguinnes@wunder.wustl.edu			2012-04-24	S. Hughes			
naif	NASA	Namespace for the NAIF node's dictionary.	naif	http://pds.nasa.gov/pds4/naif/v1	naif	urn:nasa-pds: PDS4_NAIF	Discipline	0001_NASA_PDS_1	NAIF	naif	PDS NAIF Node	Boris Semenov	boris.semennov@jpl.nasa.gov			2012-04-01	S. Hughes			
ra	Radiation	Namespace for the Radiation node's dictionary.	ra	http://pds.nasa.gov/pds4/ra/v1	ra	urn:nasa-pds: PDS4_RA	Discipline	0001_NASA_PDS_1	Radiation	ra	PDS RA Node	Richard Simmon	rsimmon@upei.ca			2012-04-01	S. Hughes			
sin	Small Bodies	Namespace for the Small Bodies node's dictionary.	sin	http://pds.nasa.gov/pds4/sin/v1	sin	urn:nasa-pds: PDS4_SIN	Discipline	0001_NASA_PDS_1	Small Bodies	sin	PDS SBN	Anna Bay								