

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 (5)	Steward (Contact)	Contact Email Address	Overnight (5)	Registration Date	Name of Provider	Dictionary Exists	Registered in PDS	Registration Date in PDS
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	2012-04-05	S. Hughes	Yes	Yes	
International	DARTS (JAXA)	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 Institute	darts	DARTS (JAXA)	Yukio Yamamoto	yamamoto.yukio@jaxa.jp		2017-03-17	S. Hughes	Yes	Yes	
ids	ISRO	Namespace for the ISRO dictionary.	ids	TBD	ids	urn:isro:ids:	PDS4_ISRO	Discipline	0001_ISRO_IDS_1	Indian Space Science Data Centre	ids	ISRO	B N Ramakrishna	ramki@isro.gov.in		2017-07-06	Ajay Kumar Prashar	Yes	Yes	
kpds	KARI Planetary Data System (KARI) - KARI Planetary Data System(KPOS)	Namespace for the Korea Aerospace Research Institute (KARI) - KARI Planetary Data System(KPOS)	kpds	TBD (Under development. KPOS will be opened for web-service in early 2024.)	kpds	urn:kari:kpds:	PDS4_KPOS	Discipline	0001_KARI_KPOS_1	Korea Aerospace Research Institute (KARI)	kpds	KARI	Kim Hyeon Kim (KPOS Manager)	MX030@kari.re.kr		2021-08-18	Kim Hyeon Kim	Yes	Yes	
esa	ESA PDS	Namespace for ESA PDS'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 PDS	Tamas Lin	lin@sciences.esa.int		2015-09-15	S. Martinez	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	European Space Agency	esa	ESA (IRI)	Chris Bateman	cbat@rutherford.ac.uk		2013-03-15	S. Hughes	Yes	Yes	
epn	VESPA EPN	Namespace for the VESPA EPN dictionary.	epn	https://voparis-ns.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	
alt	Alternate	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	ppi	PDS PPI Node	Joseph Mafi	jmafi@lga.ucla.edu		2015-04-24	T. King	Yes	Yes	
atm	Atmosphere's Node	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		2012-04-03	S. Hughes	Yes	Yes	
cart	Cartography	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@uigs.gov		2015-10-22	C. Isbell	Yes	Yes	
ctl	Common Type List Instrument	The CTL dictionary provides a set of type values for instruments for use in instrument context products.	ctl	http://pds.nasa.gov/pds4/ctl/v1	ctl	urn:nasa.pds:	PDS4_CTL	Discipline	0001_NASA_PDS_1	CTL	atm	PDS ATM Node	Lyle Huber	lhuber@nmsu.edu		2021-05-13	Lyle Huber	Yes	Yes	
disp	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).	disp	http://pds.nasa.gov/pds4/disp/v1	disp	urn:nasa.pds:	PDS4_DISP	Discipline	0001_NASA_PDS_1	Display	img	PDS IMG Node	Trent Hare	thare@uigs.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@umtd.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@seti.org		2015-04-30	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@uigs.gov		2012-04-03	S. Lavie	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@uigs.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 McHuley	Michael.McHuley@jpl.nasa.gov		2021-05-17	M. McHuley	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_MUN	Discipline	0001_NASA_PDS_1	General Mission	img	PDS IMG Node	Trent Hare	thare@uigs.gov		2016-10-07	S. Hughes	Yes	Yes	
mun_surface	Surface Mission Information	The Surface Mission 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_MUN_SURFACE	Discipline	0001_NASA_PDS_1	Mission Surface	mun_surface	PDS IMG Node	Trent Hare	thare@uigs.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_MULTI	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	jmafi@lga.ucla.edu		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	ppi	PDS PPI Node	Joseph Mafi	jmafi@lga.ucla.edu		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		2012-04-04	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	ppi	PDS PPI Node	Joseph Mafi	jmafi@lga.ucla.edu		2012-04-03	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@uigs.gov		2019-09-26	C. De Cesare	Yes	Yes	
rings	Rings	The Ring 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@seti.org		2012-04-06	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@umtd.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@umtd.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_SPLCLB	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	
mission																				
apollo	Apollo	The Apollo Mission Dictionary (apollo) contains classes, attributes and rules specific to the Apollo mission 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		2022-08-18	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@umtd.edu		2015-03-26	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 Millon 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@uigs.gov		2021-05-13	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@uigs.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 missions 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		2023-03-28	Jennifer Ward	Yes	Yes	
dart	dart	This namespace provides classes specific to the NASA DART mission and, potentially, the consequent LUVOX-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@umtd.edu		2021-08-18	A. Raugh	Yes	Yes	
hst	Hubble Space Telescope	Namespace for the Hubble Space Telescope Mission 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	matt@seti.org		2019-05-26	M. Tiscareno	Yes	Yes	
hyb2	Hayabusa 2	This is the Hayabusa2 Mission Specific Data Dictionary.	mission/hyb2	http://darts.isas.jaxa.jp/pds4/	hyb2	urn:jaxa:hyb2:	PDS4_HYB2	Mission	0001_JAXA_DARTS_1	Hayabusa2	darts	PDS SBM/PSI	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	klope@psi.edu		2022-06-24	K. Lopez	Yes	Yes	
kpds	Korea Pathfinder Lunar Orbiter	Namespace for the Korea Pathfinder Lunar Orbiter(KPLO).	mission/kpds	TBD (Under development. KPOS will be opened for web-service in early 2024.)	kpds	urn:kari:kpds:	PDS4_KPOS	Mission	0001_KARI_KPOS_1	Kplo	kpds	KARI	Eunhyeuk Kim	eunhyeuk@kari.re.kr		2021-08-18	Kim Hyeon 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	geo	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	
ladee	LADEE	Namespace for the Atmosphere Node's LADEE dictionary.	mission/ladee	http://pds.nasa.gov/pds4/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	
lunar	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	mission	PDS Geo Node	Susie Slawney	slawney@wunder.wustl.edu		2022-02-16	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	misk@astro.umtd.edu		2023-01-31	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	geo	PDS Geo Node	Susie Slawney	slawney@wunder.wustl.edu		2020-04-14	S. Slawney	Yes	Yes	
mgr	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@uigs.gov		2013-11-25	S. Lavie	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	MPF	img	PDS IMG Node	Trent Hare	thare@uigs.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		2013-01-25	J. Ward	Yes	Yes	
mnv	MAVEN	Namespace for the MAVEN dictionary.	mission/mvn	http://pds.nasa.gov/pds4/mission/mvn/v1	mnv	urn:nasa.pds:	PDS4_MVN	Mission	0001_NASA_PDS_1	MVN	ppi	PDS PPI Node	Joseph Mafi	jmafi@lga.ucla.edu		2015-08-08	J. Mafi	Yes	Yes	

near	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			2022-09-29	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	dbn	PDS SBN	Carol Nease	nease@psi.edu			2020-02-05	C. Nease	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	dbn	PDS SBN	Adeline Ciquel	aciquel@ut.utd.edu			2022-03-23	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	dbn	PDS SBN	Daniel Peltine	dpeltine@wunder.wustl.edu			2022-06-01	Daniel Peltine	Yes	Yes
orex	OSIRIS-REx	Namespace for the OSIRIS-REx dictionary.	mission/orex	http://pds.nasa.gov/pds4/mission/orex/v1	orex	urn:nasa-pds: PDS4_OREX	Mission	0001_NASA_PDS_1	OREX	dbn	PDS SBN	Carol Nease	nease@psi.edu			2014-05-12	A. Raugh	Yes	Yes
vgr	Voyager	Namespace for the Voyager dictionary.	mission/vgr	http://pds.nasa.gov/pds4/mission/vgr/v1	vgr	urn:nasa-pds: PDS4_VGR	Mission	0001_NASA_PDS_1	VGR	ringe	PDS Rings Node	Matthew Tiscareno	matt@seti.org			2022-05-19	M. Tiscareno	Yes	Yes
bc	BepiColombo	Namespace for the BepiColombo schema.	bc	http://pds.esa.int/pds4/bc/v1	bc	urn:esa-pds: PDS4_PSA_BC	Mission	0001_ESA_PSA_1	bc	bc	bc	smartines@sclops.esa.int			2019-11-19	S. Martinez	Yes	No	
bc_mtm_cam	BepiColombo	Namespace for the BepiColombo MCAM schema.		http://pds.esa.int/pds4/bc/mtm/cam/v1	mcam	urn:esa-pds: PDS4_PSA_BC_MCAM	Mission	0001_ESA_PSA_1	bc	bc	bc	Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_bel	BepiColombo	Namespace for the BepiColombo BELA schema.		http://pds.esa.int/pds4/bc/mpo/bel/v1	belia	urn:esa-pds: PDS4_PSA_BC_MPO_BEL	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	Yes	No	
bc_mpo_ber	BepiColombo	Namespace for the BepiColombo BERM schema.		http://pds.esa.int/pds4/bc/mpo/ber/v1	berm	urn:esa-pds: PDS4_PSA_BC_MPO_BER	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_isa	BepiColombo	Namespace for the BepiColombo ISA schema.		http://pds.esa.int/pds4/bc/mpo/isa/v1	isa	urn:esa-pds: PDS4_PSA_BC_MPO_ISA	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_mag	BepiColombo	Namespace for the BepiColombo MPO-MAG schema.		http://pds.esa.int/pds4/bc/mpo/mag/v1	mag	urn:esa-pds: PDS4_PSA_BC_MPO_MAG	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_mer	BepiColombo	Namespace for the BepiColombo MERTIS schema.		http://pds.esa.int/pds4/bc/mpo/mer/v1	meritis	urn:esa-pds: PDS4_PSA_BC_MPO_MER	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_mgn	BepiColombo	Namespace for the BepiColombo MGNS schema.		http://pds.esa.int/pds4/bc/mpo/mgn/v1	mgns	urn:esa-pds: PDS4_PSA_BC_MPO_MGN	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_mix	BepiColombo	Namespace for the BepiColombo MIXS schema.		http://pds.esa.int/pds4/bc/mpo/mix/v1	mixs	urn:esa-pds: PDS4_PSA_BC_MPO_MIX	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_mre	BepiColombo	Namespace for the BepiColombo MORE schema.		http://pds.esa.int/pds4/bc/mpo/mre/v1	more	urn:esa-pds: PDS4_PSA_BC_MPO_MRE	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_phe	BepiColombo	Namespace for the BepiColombo PHEBUS schema.		http://pds.esa.int/pds4/bc/mpo/phe/v1	phebus	urn:esa-pds: PDS4_PSA_BC_MPO_PHE	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_ser	BepiColombo	Namespace for the BepiColombo SERENA schema.		http://pds.esa.int/pds4/bc/mpo/ser/v1	serena	urn:esa-pds: PDS4_PSA_BC_MPO_SERN	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_sim	BepiColombo	Namespace for the BepiColombo SIMIO-SYS schema.		http://pds.esa.int/pds4/bc/mpo/sim/v1	simiosys	urn:esa-pds: PDS4_PSA_BC_MPO_SIM	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	No	
bc_mpo_six	BepiColombo	Namespace for the BepiColombo SIXS schema.		http://pds.esa.int/pds4/bc/mpo/six/v1	sixs	urn:esa-pds: PDS4_PSA_BC_MPO_SIX	Mission	0001_ESA_PSA_1				Mark.Bentley@esa.int			2019-11-19	M.S. Bentley	No	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://pds.esa.int/pds4/em16/v1	em16	urn:esa-pds: PDS4_PSA_EM16	Mission	0001_ESA_PSA_1	em16	em16	ExoMars16 Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	Yes	No	
em16_tgo_acs	ExoMars16	Namespace for the ExoMars16 ACS Instrument schema.		http://pds.esa.int/pds4/em16/tgo/acs/v1	acs	urn:esa-pds: PDS4_PSA_EM16_TGO_ACS	Mission	0001_ESA_PSA_1	em16	em16	ExoMars16 Science Operations Centre	dcoia@sclops.esa.int			2019-11-19	D. Coia	Yes	No	
em16_tgo_cas	ExoMars16	Namespace for the ExoMars16 CASIS Instrument schema.		http://pds.esa.int/pds4/em16/tgo/cas/v1	cas	urn:esa-pds: PDS4_PSA_EM16_TGO_CAS	Mission	0001_ESA_PSA_1	em16	em16	ExoMars16 Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	Yes	No	
em16_tgo_emo	ExoMars16	Namespace for the ExoMars16 NOMAD Instrument schema.		http://pds.esa.int/pds4/em16/tgo/emo/v1	emo	urn:esa-pds: PDS4_PSA_EM16_TGO_EMO	Mission	0001_ESA_PSA_1	em16	em16	ExoMars16 Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	Yes	No	
em16_tgo_frd	ExoMars16	Namespace for the ExoMars16 FREND Instrument schema.		http://pds.esa.int/pds4/em16/tgo/frd/v1	frd	urn:esa-pds: PDS4_PSA_EM16_TGO_FRD	Mission	0001_ESA_PSA_1	em16	em16	ExoMars16 Science Operations Centre	dcoia@sclops.esa.int			2019-11-19	D. Coia	Yes	No	
emrsp	ExoMarsRSP	Namespace for the ExoMarsRSP mission schema.	emrsp	http://pds.esa.int/pds4/emrsp/v1	emrsp	urn:esa-pds: PDS4_PSA_EMRSR	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm	ExoMarsRSP	Namespace for the ExoMarsRSP Rover Host schema.		http://pds.esa.int/pds4/emrsp/rm/v1	rm	urn:esa-pds: PDS4_PSA_EMRSR_RM	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	Yes	No	
emrsp_rm_nav	ExoMarsRSP	Namespace for the ExoMarsRSP NavCam Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/nav/v1	nav	urn:esa-pds: PDS4_PSA_EMRSR_RM_NAV	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_loc	ExoMarsRSP	Namespace for the ExoMarsRSP LocCam Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/loc/v1	loc	urn:esa-pds: PDS4_PSA_EMRSR_RM_LOC	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_pan	ExoMarsRSP	Namespace for the ExoMarsRSP PanCam Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/pan/v1	pan	urn:esa-pds: PDS4_PSA_EMRSR_RM_PAN	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_is	ExoMarsRSP	Namespace for the ExoMarsRSP SEM Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/is/v1	is	urn:esa-pds: PDS4_PSA_EMRSR_RM_IS	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_clu	ExoMarsRSP	Namespace for the ExoMarsRSP CLUPI Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/clu/v1	clu	urn:esa-pds: PDS4_PSA_EMRSR_RM_CLU	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_wis	ExoMarsRSP	Namespace for the ExoMarsRSP WISDOM Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/wis/v1	wis	urn:esa-pds: PDS4_PSA_EMRSR_RM_WIS	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_arm	ExoMarsRSP	Namespace for the ExoMarsRSP ADRON_RM Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/arm/v1	arm	urn:esa-pds: PDS4_PSA_EMRSR_RM_ARM	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_mis	ExoMarsRSP	Namespace for the ExoMarsRSP MaMES Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/mis/v1	mis	urn:esa-pds: PDS4_PSA_EMRSR_RM_MIS	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_mic	ExoMarsRSP	Namespace for the ExoMarsRSP MicroOmega Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/mic/v1	mic	urn:esa-pds: PDS4_PSA_EMRSR_RM_MIC	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_mom	ExoMarsRSP	Namespace for the ExoMarsRSP MOMA Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/mom/v1	mom	urn:esa-pds: PDS4_PSA_EMRSR_RM_MOM	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
emrsp_rm_rls	ExoMarsRSP	Namespace for the ExoMarsRSP RLS Instrument schema.		http://pds.esa.int/pds4/emrsp/rm/rls/v1	rls	urn:esa-pds: PDS4_PSA_EMRSR_RM_RLS	Mission	0001_ESA_PSA_1	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm@sclops.esa.int			2019-11-19	T. Lim	No	No	
dph	DPH	Namespace for the DPH Example products dictionary.	dph	http://pds.nasa.gov/pds4/dph/v1	dph	urn:nasa-pds: PDS4_DPH	Discipline	0001_NASA_PDS_1	Engineering	en	PDS EN Node	Steve Hughes	Steve.Hughes@jpl.nasa.gov			2016-05-17	R. Joyner		
geo	Geo	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	guinness@wunder.wustl.edu			2012-04-03	S. Hughes		
naif	NAIF	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.V.Semenov@jpl.nasa.gov			2012-04-03	S. Hughes		
rs	Radio Science	Namespace for the Radio Science node's dictionary.	rs	http://pds.nasa.gov/pds4/rs/v1	rs	urn:nasa-pds: PDS4_RS	Discipline	0001_NASA_PDS_1	Radio Science	rs	PDS RS Node	Richard Simpson	radiosci@att.net			2002-04-03	S. Hughes		
sbn	Small Bodies	Namespace for the Small Bodies node's dictionary.	sbn	http://pds.nasa.gov/pds4/sbn/v1	sbn	urn:nasa-pds: PDS4_SBN	Discipline	0001_NASA_PDS_1	Small Bodies	sbn	PDS SBN	Anne Raugh	araugh@ut.utd.edu			2012-04-03	S. Hughes		
wave	Wave	The Wave dictionary contains classes that describe the composition of multidimensional wave data consisting of Array (and Array subclass) data objects.	wave	http://pds.nasa.gov/pds4/wave/v1	wave	urn:nasa-pds: PDS4_WAVE	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Wall	jwall@tipp.ucsf.edu			2015-04-24	T. King	Yes	Yes

- (1) Namespace id is defined in the PDS4 Information Model. It is a namespace container for a logical grouping of classes and attributes and is assigned by the steward. Namespace id is often mapped to the namespace prefix defined in XML documents.
- (2) The Namespace ID used to create a URL for a mission level dictionary requires the prefix "mission".
- (3) The default namespace and namespace prefix, in an XML Schema file, is null.
- (4) The Schema File Name Prefix typically has a suffix that includes the version number of the dictionary, for example PDS4_PDS_1400.
- (5) The PDS Change Control Board (CCB) provides oversight by reviewing and approving all changes to the Common Dictionary.
- (6) The Steward Lead field indicates the lead entity within the stewardship group. This entity and the members of the group can change as needed. The steward id should not change.