

Spatial Properties

Some entities are of spatial nature, in these cases, the entity will have a set of properties related to the coordinate system used by the entity. The following table lists these properties:

coord_hdatum	Contains the horizontal datum for the Coordinate Reference Systems (CRS). These are the types currently supported: <table><tr><td>wgs72</td><td>World Geodetic System 1972 (WGS 72)</td></tr><tr><td>wgs84</td><td>World Geodetic System 1984 (WGS 84)</td></tr><tr><td>grs80</td><td>Geodetic Reference System 1980 (GRS 80)</td></tr><tr><td>nad27</td><td>North American Datum 1927 (NAD27)</td></tr><tr><td>nad83</td><td>North American Datum (NAD83)</td></tr><tr><td>nad83_2011</td><td>North American Datum (NAD83 2011)</td></tr><tr><td>nad83_harn</td><td>North American Datum (NAD83 HARN)</td></tr><tr><td>nad83_csrs</td><td>North American Datum (NAD83 CSRS)</td></tr><tr><td>gda94</td><td>Geocentric Datum of Australia 1994 (GDA94)</td></tr><tr><td>etrs89</td><td>European Terrestrial Reference System 1989 (ETRS89)</td></tr><tr><td>agd66</td><td>Australian Geodetic Datum 1966 (AGD66)</td></tr><tr><td>clarke80</td><td>Modified Clarke 1880</td></tr></table>	wgs72	World Geodetic System 1972 (WGS 72)	wgs84	World Geodetic System 1984 (WGS 84)	grs80	Geodetic Reference System 1980 (GRS 80)	nad27	North American Datum 1927 (NAD27)	nad83	North American Datum (NAD83)	nad83_2011	North American Datum (NAD83 2011)	nad83_harn	North American Datum (NAD83 HARN)	nad83_csrs	North American Datum (NAD83 CSRS)	gda94	Geocentric Datum of Australia 1994 (GDA94)	etrs89	European Terrestrial Reference System 1989 (ETRS89)	agd66	Australian Geodetic Datum 1966 (AGD66)	clarke80	Modified Clarke 1880
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coord_origin_x	Contains the coordinate of axis X for the origin of the project.																								

coord_origin_y	Contains the coordinate of axis Y for the origin of the project.																								
coord_origin_z	Contains the coordinate of axis Z for the origin of the project.																								
coord_projection	Contains the data projection for the Coordinate Reference Systems (CRS). These are the types currently supported: <table> <tr> <td>latlong</td><td>Latitude Longitude</td></tr> <tr> <td>longlat</td><td>Longitude Latitude</td></tr> <tr> <td>ecef</td><td>Earth Centered Earth Fixed</td></tr> <tr> <td>merc</td><td>World Mercator</td></tr> <tr> <td>webmerc</td><td>Web Mercator</td></tr> <tr> <td>utm</td><td>Universal Transverse Mercator (UTM)</td></tr> <tr> <td>tm</td><td>Transverse Mercator</td></tr> <tr> <td>lcc</td><td>Lambert conformal conic</td></tr> <tr> <td>aeac</td><td>AEAC</td></tr> <tr> <td>amg</td><td>AMG</td></tr> <tr> <td>mga</td><td>MGA</td></tr> <tr> <td>lo</td><td>Lo</td></tr> </table>	latlong	Latitude Longitude	longlat	Longitude Latitude	ecef	Earth Centered Earth Fixed	merc	World Mercator	webmerc	Web Mercator	utm	Universal Transverse Mercator (UTM)	tm	Transverse Mercator	lcc	Lambert conformal conic	aeac	AEAC	amg	AMG	mga	MGA	lo	Lo
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coord_projection_aeac_falseEasting	Contains the false Easting. It is only required if the projection is aeac.																								
coord_projection_aeac_falseNorthing	Contains the false Northing. It is only required if the projection is aeac.																								
coord_projection_aeac_firstStdParallelDeg	Contains the first Std Parallel Degree. It is only required if the projection is aeac.																								
coord_projection_aeac_latOfOriginDeg	Contains the latitud of Origin Degree. It is only required if the projection is aeac.																								
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coord_projection_aeac_secondStdParallelDeg	Contains the second Std Parallel Degree. It is only required if the projection is aeac.																								
coord_projection_amg_zone	Contains the zone value. It is a number between 48 and 58. It is only required if the projection is amg.																								

coord_projection_mga_zone	Contains the zone value. It is a number between 48 and 58. It is only required if the projection is mga.
coord_projection_lo_zone	Contains the zone value. It is one of these numbers: [15, 17, 19, 21, 23, 25, 27, 31, 33]. It is only required if the projection is lo.
coord_projection_lcc_falseEasting	Contains the false Easting. It is only required if the projection is lcc.
coord_projection_lcc_falseNorthing	Contains the false Northing. It is only required if the projection is lcc.
coord_projection_lcc_firstStdParallelDeg	Contains the first Std Parallel Degree. It is only required if the projection is lcc.
coord_projection_lcc_latOfOriginDeg	Contains the latitud of Origin Degree. It is only required if the projection is lcc.
coord_projection_lcc_longOfOriginDeg	Contains the longitud of Origin Degree. It is only required if the projection is lcc.
coord_projection_lcc_secondStdParallelDeg	Contains the second Std Parallel Degree. It is only required if the projection is lcc.
coord_projection_tm_falseEasting	Contains the false Easting. It is only required if the projection is tm.
coord_projection_tm_falseNorthing	Contains the false Northing. It is only required if the projection is tm.
coord_projection_tm_latOriginDeg	Contains the latitude of Origin Degree. It is only required if the projection is tm.
coord_projection_tm_longMeridianDeg	Contains the longitude of Origin Degree. It is only required if the projection is tm.
coord_projection_tm_scaleFactor	Contains the scale factor. It is only required if the projection is tm.
coord_unit	Contains the unit of measure of the horizontal data. These are the types currently supported: • meter • feet • survey_feet
coord_vunit	Contains the unit of measure of the horizontal data. These are the types currently supported: • meter • feet • survey_feet

coord_vdatum	Contains the vertical datum for the Coordinate Reference Systems (CRS). These are the types currently supported:	
	none	None
	wgs84	World Geodetic System 1984 (WGS 84)
	ngvd29	National Geodetic Vertical Datum 1929 (NGVD 29)
	navd29	North American Vertical Datum 29 (NAVD 29)
	cgvd2013	Canadian Geodetic Vertical Datum 2013 (CGVD 2013)
	cgvd28	Canadian Geodetic Vertical Datum 1928 (CGVD 28)
	dvr90	Denmark Vertical Reference (DVR 90)
	nn2000	Norway Normal Null 2000 (NN2000)
	nn54	Norway Normal Null 1954 (NN54)
	dhhn92	Deutsches Haupthoehennetz 1992 (DHHN92)
	navd88	North American Vertical Datum 1988 (NAVD 88)
	navd88_geoid12b	North American Vertical Datum 1988 (NAVD 88 GEOID12B)
	navd88_geoid12a	North American Vertical Datum 1988 (NAVD 88 GEOID12A)
	navd88_geoid12	North American Vertical Datum 1988 (NAVD 88 GEOID12)
	navd88_geoid09	North American Vertical Datum 1988 (NAVD 88 GEOID09)
	navd88_geoid06	North American Vertical Datum 1988 (NAVD 88 GEOID06)
	navd88_geoid03	North American Vertical Datum 1988 (NAVD 88 GEOID03)
	navd88_geoid99	North American Vertical Datum 1988 (NAVD 88 GEOID99)
	navd88_geoid96	North American Vertical Datum 1988 (NAVD 88 GEOID96)