

Geo3DModel REST service

Version

version 1.5.*

Url

<http://www.dinoservices.nl/geo3dmodelwebservices-1/rest>

Requests for RESTful service implementation

Requests

GET /models/list

GET /models/{model}/{resolution}/describe

~~GET /models/{model}/{resolution}/rasters/{modellayer} (deprecated)~~

GET /models/{model}/{resolution}/documents/{modellayer}

GET /models/{model}/{resolution}/columnsample

GET /models/{model}/{resolution}/columnpicture

GET /models/{model}/{resolution}/verticalsectionpicture

GET /models/{model}/{resolution}/verticalsectionsample

GET /models/list

vergelijkbaar SOAP-request listModels

geen parameters

GET /models/{model}/{resolution}/describe

vergelijkbaar SOAP-request describeModel

parameters

Name	Type Parameter	Data Type	Comparable parameters in methods Geo3DModelService
model	Path	String	model
resolution	Path	Int	resolution

~~GET /models/{model}/{resolution}/rasters/{modellayer}~~

~~vergelijkbaar SOAP-request listRasters (deprecated)~~

~~parameters~~

Name	Type Parameter	Data Type	Comparable parameters in methods Geo3DModelService
model	Path	String	model
resolution	Path	Int	resolution
modellayer	Path	String	modelUnitName

GET /models/{model}/{resolution}/documents/{modellayer}

vergelijkbaar SOAP-request listDocuments

parameters

Name	Type Parameter	Data Type	Comparable parameters in methods Geo3DModelService
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model	Path	String	model
resolution	Path	Int	resolution
modellayer	Path	String	modelUnitName

GET /models/{model}/{resolution}/columnsample

vergelijkbaar SOAP-request sampleColumn

parameters

Name	Type Parameter	Data Type	Comparable parameters in methods Geo3DModelService
model	Path	String	model
resolution	Path	Int	resolution
x	Query	Double	xCoordinate
y	Query	Double	yCoordinate
c	Query	Int	coordinateSystem

GET /models/{model}/{resolution}/columnpicture

vergelijkbaar SOAP-request drawColumn

parameters

Name	Type Parameter	Data Type	Comparable parameters in methods Geo3DModelService
model	Path	String	model
resolution	Path	Int	resolution
x	Query	Double	xCoordinate
y	Query	Double	yCoordinate
p	Query	String	property
c	Query	Int	coordinateSystem
iw	Query	Int	imageWidth
ih	Query	Int	imageHeight
s	Query	Float	scale
t	Query	Boolean	thumbnail

GET /models/{model}/{resolution}/verticalsectionpicture

vergelijkbaar SOAP-request drawVerticalSection

parameters

Name	Type Parameter	Data Type	Comparable parameters in methods Geo3DModelService
model	Path	String	model
resolution	Path	Int	resolution
p	Query	String	property,

line	Query	String	Format : x1,y1,x2,y2,...,xn,yn
c	Query	int	Zie AvailableCoordinateSystemType voor ondersteunde EPSG-codes
iw	Query	Int	imageWidth
ih	Query	Int	imageHeight,
leg	Query	boolean	includeLegend
bnd	Query	boolean	showBoundaries,
lab	Query	boolean	showLabels
min	Query	double	minHeight
max	Query	double	maxHeight
exp	Query	String	propertyFilter

GET /models/{model}/{resolution}/verticalsection/sample

Geen vergelijkbaar SOAP-request

parameters

Name	Type Parameter	Data Type	Comparable parameters in methods Geo3DModelService
model	Path	String	model
resolution	Path	Int	resolution
p	Query	String	property,
line	Query	String	Format : x1,y1,x2,y2,...,xn,yn

c	Query	int	Zie AvailableCoordinateSystemType voor ondersteunde EPSG-codes
min	Query	double	minHeight
max	Query	double	maxHeight
exp	Query	String	propertyFilter

JSON return object

Lijst van polygoon in de verticale profiel met per polygoon

- code van de eenheid (key)
- lijst van lijsten met x, yb en yt, waarbij
 - x is lengte langs de profiellijn,
 - yb is de diepte van de onderkant van de eenheid in meters t.o.v. NAP en
 - yt is de diepte van de onderkant van de eenheid in meters t.o.v. NAP

