

pathVu Locations API

Version 1.3

Last Updated 4/22/2020

Changelog

- Version 1.3
 - Added key descriptions
 - Updated Optional Parameters
- Version 1.2
 - Added functions to retrieve data
- Version 1.1
 - Added Optional Parameters for Entrances and Indoor Accessibility

Hazards

<https://pathvudata.com/api1/api/locations/hazards/>

The pathVu API returns a JSON array of points within the bounding box.

Required POST Parameters

Parameter	Description	Example
p1lon	Point 1 longitude	-79.985847
p1lat	Point 1 latitude	40.437750
p2lon	Point 2 longitude	-79.985847
p2lat	Point 2 latitude	40.437750
p3lon	Point 3 longitude	-79.985847
p3lat	Point 3 latitude	40.437750
p4lon	Point 4 longitude	-79.985847
p4lat	Point 4 latitude	40.437750

Note: Points must be ordered in a clockwise position.

Array Keys

Key	Description
hid	Unique ID for the hazard
htype	Hazard type (see below)
hlat	Latitude of the hazard
hlon	Longitude of the hazard
uacctid	pathVu account ID for the reporting user
hgeometry	Geometry for the hazard

himgname	Image name for the hazard
himgpath	Relative path to the image
hactive	1 = active 0 = inactive

Add

<https://pathvudata.com/api1/api/locations/hazards/add>

Required POST Parameters

Parameter	Description	Example
uacctid	User Account	12345
htype	Int of hazard type	2
hlat	Latitude of the hazard	40.437750
hlon	Longitude of the hazard	-79.985847

Hazard Types

ID	Name
1	Tripping Hazard
2	No Sidewalk
3	No Curb Ramp
4	Construction
5	Other

Required FILES Parameters

Parameter	Description
himg	The image file for the hazard

Errors

Error Number	Description
lha001	User Account ID not posted
lha002	Hazard type not posted
lha003	Latitude not posted
lha004	Longitude not posted
lha005	Not an image file
lha006	Failed to upload
lha007	No file

Entrances

<https://pathvudata.com/api1/api/locations/entrances/>

The pathVu API returns a JSON array of points within the bounding box.

Required POST Parameters

Parameter	Description	Example
p1lon	Point 1 longitude	-79.985847
p1lat	Point 1 latitude	40.437750
p2lon	Point 2 longitude	-79.985847
p2lat	Point 2 latitude	40.437750
p3lon	Point 3 longitude	-79.985847
p3lat	Point 3 latitude	40.437750
p4lon	Point 4 longitude	-79.985847
p4lat	Point 4 latitude	40.437750

Note: Points must be ordered in a clockwise position.

Array Keys

Key	Description
eid	Unique ID for the entrance
eaddress	Address of the entrance
elat	Latitude of the entrance
elon	Longitude of the entrance
uacctid	pathVu account ID for the reporting user
egeometry	Geometry for the entrance
eimgname	Image name for the entrance
eimgpath	Relative path to the image
eactive	1 = active 0 = inactive
aeramp	Ramp 1 = yes 0 = no
aesteps	Number of steps 0 = 0 1 = 1 2 = 2+
eoautodoor	Automatic Door 1 = yes 0 = no

Add

<https://pathvudata.com/api1/api/locations/entrances/add>

Required POST Parameters

Parameter	Description	Example
uacctid	User Account ID	12345
egoogleid	Unique Google for the place of the entrance	ABC123def
elat	Latitude of the entrance	40.437750
elon	Longitude of the entrance	-79.985847
eaddress	Address for the place of the entrance	PPG Paints Arena, 1001 Fifth Ave, Pittsburgh, PA 15219

Required FILES Parameters

Parameter	Description
eimg	The image file for the entrance

Optional POST Parameters

Parameter	Description	Example
aeramp	Ramp	0 = no 1 = yes
aesteps	Steps	0 = 0 1 = 1 2 = 2+
eoautodoor	Automatic Door	0 = no 1 = yes

Accessible Entrances

ID	Name
1	Ramp
2	0 Steps
3	1 Step
4	2+ Steps

Indoor Accessibility

<https://pathvudata.com/api1/api/locations/indoor/>

The pathVu API returns a JSON of points within the bounding box.

Required POST Parameters

Parameter	Description	Example
p1lon	Point 1 longitude	-79.985847
p1lat	Point 1 latitude	40.437750
p2lon	Point 2 longitude	-79.985847
p2lat	Point 2 latitude	40.437750
p3lon	Point 3 longitude	-79.985847
p3lat	Point 3 latitude	40.437750
p4lon	Point 4 longitude	-79.985847
p4lat	Point 4 latitude	40.437750

Note: Points must be ordered in a clockwise position.

Array Keys

Key	Description
iaid	Unique ID for the location
iaaddress	Address of the location
ialat	Latitude of the location
ialon	Longitude of the location
uacctid	pathVu account ID for the reporting user
igeometry	Geometry for the location
iaimgname	Image name for the location
iaimgpath	Relative path to the image
iactive	1 = active 0 = inactive
ioramp	Ramp 1 = yes 0 = no
iosteps	Number of steps 0 = 0 1 = 1 2 = 2+
rtid	Restroom Type (see below)
iorestroomsteps	Number of steps 0 = 0 1 = 1 2 = 2+
iospacious	Spacious 1 = yes 0 = no
Iobraillemenu	Braille Menu 1 = yes 0 = no

Add

<https://pathvudata.com/api1/api/locations/indoor/add>

Required POST Parameters

Parameter	Description	Example
uacctid	User Account ID	12345
iagoogleid	Unique Google ID for the place	ABC123def
ialat	Latitude of the place	40.437750
ialon	Longitude of the place	-79.985847
iaaddress	Address for the place	PPG Paints Arena, 1001 Fifth Ave, Pittsburgh, PA 15219

Optional FILES Parameters

Parameter	Description
iaimg	The image file for the place

Optional POST Parameters

Parameter	Description	Example
iarrsteps	Number of steps for the restroom	0 = 0 1 = 1 2 = 2+
iaspace	Is the location spacious?	0 = no 1 = yes
iabracille	Braille menu	0 = no 1 = yes
rtid	Restroom Type ID	1 or 1,2
ioramp	Ramp	0 = no 1 = yes
iosteps	Steps	0 = 0 1 = 1 2 = 2+

Restroom Types

ID	Name
1	Male/Female
2	Family
3	ADA Accessible
4	Locked Door