YandexGeocoder Package

Yandex is a Russian multinational technology company specializing in Internet-related services and products. Yandex operates the largest search engine in Russia with about 65% market share in that country.The Geocoder can get a geo object's coordinates from its address, or the reverse – determine the address from the coordinates.

- Domain: yandex.com

How to get credentials:

1. Navigate to Developers Console.
2. Create API app.

Custom datatypes:

Datatype	Description	Example
Datepicker	String which includes date and time	`2016-05-28 00:00:00`
Map	String which includes latitude and longitude coma separated	`50.37, 26.56`
List	Simple array	`["123", "sample"]`
Select	String with predefined values	`sample`
Array	Array of objects	`[{"Second name":"123","Age":"12","Photo":"sdf","Draft":"sdfsdf"},{"name":"adi","Second name":"bla","Age":"4","Photo":"asfserwe","Draft":"sdfsdf"}]`

YandexGeocoder.getAddressByCoordinates

Convert a location's coordinates on the map to an address string.

Field	Type	Description
coordinates	Map	The latitude and longitude of the find place.
apiKey	String	The key obtained in the developer's office. Used only in the paid API version. Used only in the commercial version of the API.
centerMap	Map	Longitude and latitude of the center of the map in degrees.
searchAreaSize	String	The length of the map display area by longitude and latitude (in degrees).`For reverse geocoding, the centerMap parameter is ignored, and searchAreaSize is taken into account only if the kind parameter takes one of the following values: district. Wrong in orginal docs.`
searchAreaRestriction	Select	A sign of a 'hard' limitation of the search area.
results	Number	Number of objects returned. The default is 10. The maximum allowable value is 500.
language	String	Preferred response language. List of supported values: tr*TR — Turkish (only for maps of Turkey); en*RU — United States; en*US — American English; ru*RU — Russian (by default); uk*UA — Ukrainian; be*BY — Belarusian;
toponymType	Select	Type of toponym (only for reverse geocoding). Acceptable values: house - house or building; street - street; metro - subway station; district - city district; locality - locality (city, town, village, etc.).

Field	Type	Description
alternativeSearch	String	In this case, the borders of the area are defined as the geographical coordinates of the lower-left and upper-right corners of the area (in the order longitude, latitutude).
orderCoordinates	String	The order coordinates are specified in (only for reverse geocoding).

YandexGeocoder.getCoordinatesByAddress

Convert address to coordinates.

Field	Type	Description
address	String	The exact address that you want to geocode.
apiKey	String	The key obtained in the developer's office. Used only in the paid API version. Used only in the commercial version of the API
searchAreaSize	String	The length of the map display area by longitude and latitude (in degrees).
searchAreaRestriction	List	A sign of a 'hard' limitation of the search area.
results	Number	Number of objects returned. The default is 10. The maximum allowable value is 500.
language	String	Preferred response language.
alternativeSearch	String	In this case, the borders of the area are defined as the geographical coordinates of the lower-left and upper-right corners of the area (in the order longitude, latitutude).