Geocity API v. 0.0.1

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| URL | The URL structure (path only, no root url)  **/**   1. *to get the version number* |
| Method | The request type  **GET** |
| Sample Response |  |
| URL | The URL structure (path only, no root url)  **/proximity/<geonameid>/<k>**  *1. to get the k-closest cities to city with ID <geonameid>*   1. *returns a list of k or less city IDs.* |
| Method | The request type  **GET** |
| Sample Response |  |
| URL | The URL structure (path only, no root url)  **/proximity/<geonameid>/<k>/<country\_code>**  *1. to get the k-closest cities to city with ID <geonameid> to include only cities with specific <country\_code>*  *2. returns a list of k or less city IDs.* |
| Method | The request type  **GET** |
| Sample Response |  |
| URL | The URL structure (path only, no root url)  **/query/<keyword>**  *1. return a list of city names matching <keyword>* |
| Method | The request type  **GET** |
| Sample Response |  |
| URL | The URL structure (path only, no root url)  **/query/<keywords>**  *1. return a list of city names matching <keywords> (using regex)* |
| Method | The request type  **GET** |
| Sample Response |  |
| URL | The URL structure (path only, no root url)  **/distance/<geonameid1>/<geonameid2>**  *1. returns the distance between 2 cities in miles based on its longitude/latitude locations* |
| Method | ***The request type  GET*** |
| Sample Response |  |
| URL | The URL structure (path only, no root url)  **/<geonameid>**  *1. returns the city info* |
| Method | The request type  **GET** |
| Sample Response |  |
| URL | The URL structure (path only, no root url)  **/<geonameid>/<attribute\_name>**  *1. returns the city info value based on the given attribute name*  *Examples, attribute\_name can be ‘longitude’, ‘latitude’, ‘alternatenames’, etc...* |
| Method | The request type  **GET** |
| Sample Response |  |
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