

REST API SPECIFICATION FOR DEVELOPERS

GUIOMATIC

This document contains the API specifications for the partners of Guiomatic Travel Technologies. The operation of the developer API currently available only to responses in JSON format. XML can also be made available.

The complete functionality is as follows:

Destination Search → Obtain Index → Request Guide → Obtain the URL → Download

The most simple integration is using only:

Request Guide-> Obtain the URL -> Download

Following any of these logical sequences of requests will result in a pdf of the guide.

All requests must include the parameter `api_key` = [developer key] to function. Ask our team for the key if you do not have one.

Destination search

Search the list of available cities. The purpose of this request is to obtain the ID of the destination in order to realize the rest of the requests. If you have already obtained previously, it is not necessary to do this.

Request URL

<http://www.guiomatic.com/api/guides/v1/search/>

Parameters

q: Full or partial city name

geonameId: searching using geonameId (optional)

Response

A list of matching cities. Each element contains:

geonameId: identifier of destination

name: name of the city

country: any object with the possible country names in 5 languages

langsSize: Indicates when language is available for the guide.

Sample request

http://www.guiomatic.com/api/guides/v1/search/?api_key=test_key&q=madr

Response Example

```
[{"geonameId": "1264527", "name": "Madras", "country": {"en": {"name": "India", "geonameId": "1269750"}, "es": {"name": "India", "geonameId": "1269750"}, "fr": {"name": "Inde", "geonameId": "1269750"}, "de": {"name": "Indien", "geonameId": "1269750"}, "it": {"name": "India", "geonameId": "1269750"}}, "langsSize": {"de": {"is_beta": "false"}, "en": {"is_beta": "false"}, "fr": {"is_beta": "false"}}, {"geonameId": "3117735", "name": "Madrid", "country": {"en": {"name": "Spain", "geonameId": "2510769"}, "es": {"name": "España", "geonameId": "2510769"}, "fr": {"name": "Espagne", "geonameId": "2510769"}, "de": {"name": "Spanien", "geonameId": "2510769"}, "it": {"name": "Spagna", "geonameId": "2510769"}}, "langsSize": {"es": {"is_beta": "false"}, "de": {"is_beta": "false"}, "en": {"is_beta": "false"}, "fr": {"is_beta": "false"}, "it": {"is_beta": "true"}}, {"geonameId": "3840092", "name": "Madryn", "country": {"en": {"name": "Argentina", "geonameId": "3865483"}, "es": {"name": "Argentina", "geonameId": "3865483"}, "fr": {"name": "Argentine", "geonameId": "3865483"}, "de": {"name": "Argentinien", "geonameId": "3865483"}, "it": {"name": "Argentina", "geonameId": "3865483"}}, "langsSize": {"es": {"is_beta": "true"}, "en": {"is_beta": "true"}},]
```

Obtaining the index of a city guide (optional)

Returns the guides index for a city in a language in json format. This request is used to have the ability to later chapters of the guide later. If you are not going to implement this function, this is not needed.

Request URL

<http://www.guiomatic.com/api/guides/v1/chapters/>

Parameters

geonameId: destination identifier

lang: guide language

Response

This is a list representing all of the chapters. The first part indicates the identifier, which in turn serves to represent the guides structure. The second indicates the name of the chapter to be show to the user. `[["ID", title], ["1", "London "], [" 1.1", ""],...] London Districts`

The identifier of the section allows us to delete chapters that are not to appear in the pdf. The parameter used is removedPages described in the next section.

Sample Request

http://www.guiomatic.com/api/guides/v1/chapters/?api_key=test_key&geonameId=2643743&lang=es

Response Example

```
[["1", "London"], ["1.1", "Distritos"], ["1.2", "Llegar"], ["1.3", "Circule"], ["1.4", "Vea"], ["1.5", "Haga"], ["1.6", "Compre"], ["1.7", "Coma"], ["1.8", "Beba y salga"], ["1.9", "Duerma"], ["1.10", "Seguridad"], ["1.11", "Salud"], ["2", "Datos"], ["2.1", "Historia"], ["2.2", "Extensión y demografía"], ["2.3", "Etnias"], ["2.4", "Geografía y clima"], ["2.5", "Distritos de Londres"], ["2.6", "Administración"], ["2.7", "Economía"], ["2.8", "Transporte"], ["2.9", "Educación"], ["2.10", "Información turística"], ["2.11", "Hermanamientos"], ["3", "Info util"], ["3.1", "Amanecer/Anochecer"], ["3.2", "Moneda"], ["4", "Eventos"], ["5", "Mapas"], ["6", "Referencias"]]
```

Generating the guide (adding it to the generation queue)

The guide is added to the queue of generation and returns an identifier which serves to check the status of generation and to later download the guide (explained in more detail in the next section.)

Request URL

<http://www.guiomatic.com/api/guides/v1/create/>

Parámetros

geonameId: identifies the destination

lang: guide language

start_date: trip start date in dd/mm/yyyy

end_date: trip end date in dd/mm/yyyy

paperSize (optional): paper size (A4, letter, legal, A5, half_letter, half_legal). A4 by default

name (optional): Name of the traveler. Max 15 caracteres.

cityName (optional): Name of the city as you want to appear at the guide cover.

traveler (optional): traveler profile to configure the chapter content of the guide. Default is t_all.

Young Couples (t_parejaJoven)

Older Couples (t_parejaMajor)

Families with older children (t_familiasNinosM)

Families with young children (t_familiasNinosP)

Groups (t_grupo)

Business Travel (t_negocios)

Solo travelers (t_solo)

removedPages (optional): Chapters removed from the guide (optional). A list of chapters codes according to the index obtained from the previous request separated by a semicolon: & removedPages = 1.2; 1.3; 1.4

quality (optional): high or low. High increases image files quality, but also file size. Low by default

Response

Returns a unique identifier for the generated guide.

identificador: plain text with a token id

Request example

http://www.guiomatic.com/api/guides/v1/create/?api_key=test_key&geonameId=2643743&lang=es&start_date=25/06/2010&end_date=27/06/2010&paperSize=A4&style=print&traveler=t_todos&removedPages=1.8;2.6

Example response

ab123

Check if the guide has already been generated and obtain download link

The following section details how to check the status of generation and how to get the download link.

Request URL

<http://www.guiomatic.com/api/guides/v1/check/>

Parameters

g: guide ID obtained in the previous request

Response

Returns the string "false" if the guide is generating or the URL for download if the guide has already been generated. The generation time varies from <1 to 5 minutes depending on the size of the guide to generate and server load.

Sample request

http://www.guiomatic.com/api/guides/v1/check/?api_key=test_key&g=ab123

Example response

If the guide is now available

```
http://www.guiomatic.com/guide/get/?g=ab123.pdf
```

If the guide is not yet generated

```
false
```