<https://developers.google.com/maps/documentation/directions/>

used guide:

## API Key

**Note:** Maps for Business users must include [client and signature](https://developers.google.com/maps/documentation/business/webservices/#client_id) parameters with their requests instead of a key.

All Directions API applications should use an API key. Including a key in your request:

* Allows you to monitor your application's API usage in the [APIs Console](https://code.google.com/apis/console/?noredirect).
* Enables per-key instead of per-IP-address quota limits.
* Ensures that Google can contact you about your application if necessary.

The Directions API uses an API key to identify your application. API keys are managed through the Google APIs console. To create your key:

1. Visit the APIs console at [https://code.google.com/apis/console](https://code.google.com/apis/console/?noredirect) and log in with your Google Account.
2. Click the **Services** link from the left-hand menu in the APIs Console, then activate the **Directions API** service.
3. Once the service has been activated, your API key is available from the **API Access** page, in the **Simple API Access** section. Directions API applications use the **Key for server apps**.

To specify a key in your request, include it as the value of a key parameter.

**Note**: By default, a key can be used from any server. We strongly recommend that you restrict the use of your key by IP address to servers that you administer. You can specify which IP addresses are allowed to use your API key by clicking the **Edit allowed referers...** link in the API console.

**Note**: HTTPS is enforced for requests that include an API key.