**Yelp API – GET Request For Searching**

Required Parameters for the API

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| --- | --- | --- |
| **Name** | **Type** | **Description** |
| term | String | Used to search for food or restaurants |
| Latitude | Decimal | Self-explanatory |
| Longitude | Decimal | Self-explanatory |
| Radius | Int | Self-explanatory |
| Open\_now | Boolean | Self-explanatory |
| Any other filters you would like to add? <https://www.yelp.com/developers/documentation/v3/business_search> |  |  |

Response – Highlighted are important

| **Name** | **Type** | **Description** |
| --- | --- | --- |
| total | int | Total number of business Yelp finds based on the search criteria. Sometimes, the value may exceed 1000. In such case, you still can only get up to 1000 businesses using multiple queries and combinations of the "limit" and "offset" parameters. |
| businesses | object[] | List of business Yelp finds based on the search criteria. |
| businesses[x].categories | object[] | List of category title and alias pairs associated with this business. |
| businesses[x].categories[x].alias | string | Alias of a category, when searching for business in certain categories, use alias rather than the title. |
| businesses[x].categories[x].title | string | Title of a category for display purpose. |
| businesses[x].coordinates | object | Coordinates of this business. |
| businesses[x].coordinates.latitude | decimal | Latitude of this business. |
| businesses[x].coordinates.longitude | decimal | Longitude of this business. |
| businesses[x].display\_phone | string | Phone number of the business formatted nicely to be displayed to users. The format is the standard phone number format for the business's country. |
| businesses[x].distance | decimal | Distance in meters from the search location. This returns meters regardless of the locale. |
| businesses[x].id | string | Unique Yelp ID of this business. Example: '4kMBvIEWPxWkWKFN\_\_8SxQ' |
| businesses[x].alias | string | Unique Yelp alias of this business. Can contain unicode characters. Example: 'yelp-san-francisco'. Also see [What's the difference between the Yelp business ID and business alias?](https://www.yelp.com/developers/faq#difference-between-id-and-alias) |
| businesses[x].image\_url | string | URL of photo for this business. |
| businesses[x].is\_closed | bool | Whether business has been (permanently) closed |
| businesses[x].location | object | Location of this business, including address, city, state, zip code and country. |
| businesses[x].location.address1 | string | Street address of this business. |
| businesses[x].location.address2 | string | Street address of this business, continued. |
| businesses[x].location.address3 | string | Street address of this business, continued. |
| businesses[x].location.city | string | City of this business. |
| businesses[x].location.country | string | [ISO 3166-1 alpha-2](https://en.wikipedia.org/wiki/ISO_3166-1_alpha-2) country code of this business. |
| businesses[x].location.display\_address | string[] | Array of strings that if organized vertically give an address that is in the standard address format for the business's country. |
| businesses[x].location.state | string | [ISO 3166-2](https://en.wikipedia.org/wiki/ISO_3166-2) (with a few [exceptions](https://www.yelp.com/developers/documentation/v3/state_codes)) state code of this business. |
| businesses[x].location.zip\_code | string | [Zip code](https://en.wikipedia.org/wiki/Postal_code) of this business. |
| businesses[x].name | string | Name of this business. |
| businesses[x].phone | string | Phone number of the business. |
| businesses[x].price | string | Price level of the business. Value is one of $, $$, $$$ and $$$$. |
| businesses[x].rating | decimal | Rating for this business (value ranges from 1, 1.5, ... 4.5, 5). |
| businesses[x].review\_count | int | Number of reviews for this business. |
| businesses[x].url | string | URL for business page on Yelp. |
| businesses[x].transactions | string[] | List of Yelp transactions that the business is registered for. Current supported values are **pickup**, **delivery** and **restaurant\_reservation**. |
| region | dict | Suggested area in a map to display results in. |
| region.center | dict | Center position of map area. |
| region.center.latitude | decimal | Latitude position of map bounds center. |
| region.center.longitude | decimal | Longitude position of map bounds center. |

**Yelp GET Request For Specific Individual Business**

GET [https://api.yelp.com/v3/businesses/{id}](https://api.yelp.com/v3/businesses/%7bid%7d)

The same response values will be used above.

**Our internal API**

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| --- | --- | --- |
| **Name** | **Type** | **Description** |
| business\_id | String | This will be a copy of the Yelp business id this way we can cache just the id and do a Yelp API look up for the rest of the data |
| currentRating | Int | This will be a number to represent the current status of the location. Initially businesses would start at a neutral value of 0. Votes of Too Busy would add -1 to currentRating, Normal would act as 0, and Very Empty would be a +1. Places with a value <-10 would be Very Busy, places >10 would be very empty. |
| **Anything you would like to add?** |  |  |