

Honely API

GET /listings

Returns a set of listings, based on the inputted query.

URL

<http://honely-env.eba-xigjepiw.us-east-1.elasticbeanstalk.com/listings?address=New%20York>

Parameters

address string (required)

offset integer default to 0

limit integer default to 20

order_by string (newest, price, bedrooms, bathrooms, square_feet, lot_size, etc.)

order_dir string (asc or desc)

square_feet_min integer

square_feet_max integer

lot_size_min integer

lot_size_max integer

num_bedrooms_min,

num_bedrooms_max,

num_bathrooms_min,

num_bathrooms_max,

price_min,

price_max

[more filters...]

Responses

200 OK

Schema

```
{
  "rows": [
    {
      "fips": "string",
      "apn": "string",
      "address": "string",
      "lat": "string",
      "lon": "string",
      "bedrooms": 0,
      "bathrooms": 0,
      "list_price": 0,
      "appraisal": 0,
      "valuation": 0,
      "for_sale": "boolean",
      "realtor": "string",
```

```
    "square_feet": 0
  }
],
"total": 0
}
```

400

Bad request, query parameter must be present and not blank

500

Internal server error

Example:

GET /listings?address=montclair&bedrooms=4&limit=3

```
{
  rows: [
    {
      "address": "16 Valley Rd, Montclair, NJ 07042",
      "fips": "48001",
      "apn": "R23950",
      "lat": "36.789",
      "lon": "234.56",
      "bedrooms": 4,
      "bathrooms": 3,
      "list_price": 699000,
      "valuation": 734000,
      "for_sale": "true",
      "realtor": "Weichart Realtors Montclair",
      "square_feet": 2164
    },
    {
      "address": "23 Park St, Montclair, NJ",
      "fips": "48001",
      "apn": "R23933",
      "lat": "36.389",
      "lon": "634.56",
      "bedrooms": 4,
      "bathrooms": 4,
      "appraisal": 745000,
      "valuation": 826000,
      "for_sale": "false",
      "realtor": "Village Square Realtors",
    }
  ]
}
```

```

    "square_feet": 4750
  },
  {
    "full_address": "12 Valley Rd, Montclair, NJ 07042",
    "fips": "48001",
    "apn": "R23978",
    "lat": "36.749",
    "lon": "534.56",
    "bedrooms": 4,
    "bathrooms": 3,
    "list_price": 949000,
    "valuation": 902000,
    "for_sale": "true"
    "realtor": "Sotheby's International Realty",
    "square_feet": 3628
  },
],
total: 30
}

```

STATUS 200(OK)

```

{
  rows:
  [
    {
      unit_type: null,
      full_address: "53 7 ST NORTH ARLINGTON NJ
07031 4772",
      longitude: -74.131263,
      latitude: 40.798041,
      property_value: 420000,
      year_built: "1950.0",
      beds_count: null,
      baths: null,
      total_area_sq_ft: "1453.0",
      parking_spaces_count: null
    },
    . . . . .
  ],
  total: [
    "2518"
  ]
}

```

STATUS: 404 (If no addresses are found)

```

{

```

```
    error: "No entries in the database.",
    errorMessage: "No addresses found."
}
```

STATUS 400: If the input provided is not right.

```
{
    error: "Address invalid.",
    errorMessage: "Please provide a valid address."
}
```

STATUS 500: If the input provided is not right.

```
{
    error: "Internal server error.",
    errorMessage: "Database connection error."
}
```

GET /listing/{fips}/{apn}

Returns the full details for a single listing

URL

<http://honely-env.eba-xigjepiw.us-east-1.elasticbeanstalk.com/listing?fips=01001&apn=BJVHGJHG>

Parameters

fips string required

apn string required

Responses

200 OK

Schema

```
{
  "id": 0,
  "fips": "string",
  "apn": "string",
  "address": "string",
  "lat": "string",
  "lon": "string",
  "bedrooms": 0,
  "bathrooms": 0,
  "description": "string",
  "has_garage": true,
  "lot_size": 0,
  "parking_spaces": 0,
  "list_price": 0,
  "appraisal": 0,
  "valuation": 0,
  "for_sale": "boolean",
  "realtor": "string",
  "square_feet": 0,
  "year_built": 0,
  [more fields..]
}
```

400

Bad request, query parameter must be present and not blank

500

Internal server error

URL:

<http://honely-env.eba-xigjepiw.us-east-1.elasticbeanstalk.com/fips=<value>&apn=<value>>

RESPONSE Object:

STATUS: 200(OK)

Structure Outline:

```
{
  address:
    [...],
  tax:
    [...],
  valuation:
    [...],
  structure:
    [...]
}

{
  address:
    {
      fips: "01033",
      apn: "02-07-35-0-000-011.000",
      street_number: "7040",
      street_pre_direction: null,
      street_name: "NORTH",
      street_suffix: "PIKE",
      street_post_direction: null,
      unit_type: null,
      unit_number: null,
      formatted_street_address: "7040 NORTH PIKE",
      city: "CHEROKEE",
      state: "AL",
      zip_code: "35616",
      zip_plus_four_code: "5730",
    }
  }
```

```

latitude: 34.847627,
longitude: -87.969135,
geocoding_accuracy: "PARCEL CENTROID",
census_tract: "10330210.00101",
carrier_code: "R001",
full_address: "7040 NORTH PIKE CHEROKEE AL
35616 5730",

},

taxes:
{
    year: 2020,
    amount: 102,
    exemptions: "HOMESTEAD",
    rate_code_area: "02",

},
valuation:
{
    error: "No entries in database",
    errorMessage: "No valuations data"

},
structures:
{
    year_built: null,
    effective_year_built: null,
    stories: "1",
    rooms_count: null,
    beds_count: null,
    baths: null,
    partial_baths_count: null,
    units_count: null,
    total_area_sq_ft: "1232.0",
    air_conditioning_type: null,
    amenities: null,
    architecture_type: null,
    basement_type: null,
    condition: null,
    construction_type: null,
    exterior_wall_type: null,
    fireplaces: null,
    flooring_types: null,
    foundation_type: "OTHER",
    heating_type: null,
    heating_fuel_type: null,
    interior_wall_type: null,
    other_rooms: null,
    parking_type: null,

```

```
        parking_spaces_count: null,
        plumbing_fixtures_count: null,
        pool_type: null,
        quality: "B",
        roof_material_type: null,
        roof_style_type: null,
        sewer_type: null,
        water_type: null,
    }
}
STATUS 400:
{
    error: "Invalid values.",
    errorMessage: "Please provide valid fips\apn values."
}

STATUS 404:
{
    error: "No entries in the database.",
    errorMessage: "No addresses found."
}

STATUS 500:
{
    error: "Internal server error.",
    errorMessage: "Database connection error."
}
```


GET /suggestions

returns type ahead search suggestions based on partial match

URL: <http://honely-env.eba-xigjepiw.us-east-1.elasticbeanstalk.com/address>

Parameters

address string

Responses

200 OK

```
{
  "rows" : [
    "string"
  ]
}
```

Example

GET /suggestions?address=mont

```
{
  "rows" : [
    "Montclair, NJ",
    "Montgomery, AL",
    ...
  ]
}
```

Response Object:

STATUS: 200 OK
ZIP CODE:

```
{
  rows:
  [
    "07001",
    "07002",
    "07003",
    "07004",
    "07005"
  ]
}
```

CITY:

```
{
  rows:
  [
    "NEW YORK MILLS,MN",
    "NEW YORK MILLS,NY",
    "NEW YORK,NY",
    "YORK NEW SALEM,PA",
    "WEST NEW YORK,NJ"
  ]
}
```

STREET:

```
{
  rows:
  [
    "739 HARRISON DR EVANS GA 30809 7074",
    "739 HARRISON ST TWIN FALLS ID 83301 3973",
    "739 HARRIET ST DIXON IL 61021 9619",
    "739 HARRISON ST INDIANAPOLIS IN 46202 4011",
    "739 E HARRISON ST MARTINSVILLE IN 46151 1202"
  ]
}
```

STATUS: 404 (If no addresses are found)

```
{
  error: "No entries in the database.",
  errorMessage: "No addresses found."
}
```

STATUS 400: If the input provided is not right.

```
{
  error: "Address invalid.",
  errorMessage: "Please provide a valid address."
}
```

STATUS 500: If the input provided is not right.

```
{  
    error: "Internal server error.",  
    errorMessage: "Database connection error."  
}
```