idealista.com

idealista api: short reference guide to search properties

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how to search properties through the idealista api

The idealista api provides a method that can be use to obtain a list of properties given a set of filters

You must have a valid api key for use this method. Otherwise, contact to us to obtain one

servlet path

The method is available at:

http://www.idealista.com/labs/api/2/search

parameter names (by post):

required parameters:

- **k** (required): value of specific api key for your domain or ip
- **t** (required) : id terminal (user terminal identifier)
- **propertyType:** [bedrooms, garages, homes, offices, premises]
- **operation:** {V, A}
- one of this is required:
  - o **center** (geographic coordinates)
  - o **address** (google maps address)
  - o **phone**: property phone
  - o **userCode:** it must by like PXXXXXXXX

  NOTE: if center or address are used, then you must specify a **radio** (coordinates) or a **distance** in meters

required fields for logged in users, to know their favourites properties:

- **user** (required): user's login (email)
- **timestamp** (required): long milliseconds
- **token:** (required) md5 (userToken + timestamp) (*read idealista api user authentication for details*)
- **country** (required): login country [es,it,pt] (default 'es')

optional fields (all property types):

- **maxItems:** max number of items per page
- **minPrice:** [0..n]
- **maxPrice:** [0..n]
- **minSize:** [0..n]
- **maxSize:** [0..n]
- **order:** [distance, size, rooms, floor, ratioeurm2, price, street, photos]
- **sort:** [asc, desc]
- **sinceDate:** [W, M, T] (W – last week, M – last month, T – last 48 hours)
- **pictures:** true if search properties with pics
- **professionalVideo:** boolean , true if search properties with an idealista professional video

optional fields (homes):

- **flat:** boolean, true for search flats
- **penthouse:** boolean , true for search penthouses
- **duplex:** boolean , true for search duplex
- **studio:** boolean , true for search studios
- **chalet:** boolean , true for search chalets
- **bedrooms:** [1,2,3,4] (separated by commas) ex: bedrooms=1,2,4+ means you are searching homes with 1, 2 or 4 and up bedrooms (not three)
- **bathrooms:** [1,2,3,4] (separated by commas) ex: bathrooms=1,2,4+ means you are searching homes with 1, 2 or 4 and up bathrooms (not three)
- **garage:** boolean , true for search homes with garage space
- **elevator:** boolean
- **swimmingPool:** boolean
- **airConditioning:** boolean
- **terrance:** boolean
- **storeRoom:** boolean
- **clotheslineSpace:** boolean
- **builtinWardrobes:** boolean
- **independentHotWater:** boolean
- **independentHeating:** boolean
- **furnished:** [yes, no, onlyKitchen]
- **status:** [good, renew, newdevelopment]

optional fields (garages):

- **security:** boolean
- **automaticDoor:** boolean
- **motorcycleParking:** Boolean

optional fields (offices):

- **accessAllDay:** boolean
- **security:** boolean
- **layout:** [open, close] (office layout)
- **typeBuilding:** [exclusive, mixed] (office use exclusive or mixed)
- **garage:** boolean
- **independentHotWater:** boolean
- **independentHeating:** boolean
- **elevator:** boolean
- **airConditioning:** boolean

optional fields (premises):

- **location:** [street, mezzanine, shoppingcenter]
- **corner:** boolean, true if the premise is at a corner
- **airConditioning:** boolean
- **smokeVentilation:** boolean
- **independentHotWater:** boolean
- **independentHeatingccessAllDay:** boolean

optional fields (bedrooms):

- **noSmokers:** boolean, true if smokers aren't allowed
- **gayPartners:** boolean, true if the owner search gay partners
- **noPetsAlowed:** boolean
- **smoker:** boolean, true if the owner is smoker
- **pets:** boolean, true if the owner has pets
- **sex:** [M, F, I, X] (M – male, F – female, I,X – indifferent) (owner preference)
- **housemates:** [2, 3, 4] capacity

it is recommended that, additionally to any verification on our side, all the values are validated before using them as parameters of the request, especially compulsory ones

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json response:

response json example:

```
{
    actualPage: 1
    -
    elementList: [
        -
        {
                address: "zurbarán, 4"
                agency: false
                agentLogo: ""
                bathrooms: 0
                condition: ""
                country: "es"
                description: ""
                distance: "1471"
                district: "villa juventus"
                exterior: false
                favComment: ""
                favourite: false
                floor: "1"
                hasVideo: false
                latitude: 40.23931121826172
                longitude: -3.763371706008911
                municipality: "parla"
                neighborhood: ""
                numPhotos: 14
                operation: "V"
                photosUrl:
                "www.idealista.com/pagina/inmueble?secc_inm=fotos&codigoinmueble=VW00
                00000540982"
                price: 150000
                propertyCode: "VW0000000540982"
                propertyType: "piso"
                propertyTypeCode: "VP"
                province: "madrid"
                region: "zona sur"
                rooms: 2
                showAddress: true
                size: 70
                subregion: "área de parla"
                thumbnail:
                "http://imagenes.idealista.com/fotos/2006/11/01/s_VW0000000540982_1_1
                162404736167.png"
                url: "www.idealista.com/VW0000000540982"
                userCode: "W00510574"
                userType: 0
                videoType: "F"
        }, ………
    ]
    itemsPerPage: 20
    lowerRangePosition: 0
    paginable: true
    resultSummary: "comprar, de todos los precios, de todos los tamaños"
    total: 605
    totalPages: 31
    upperRangePosition: 20
}
```

fields:

actualPage: // listing page
-
elementList: [// list properties
-
{

address: if showAddress is false, address will be a zone
agency: boolean, if true it's an agency's property
agentLogo: agency url logo
bathrooms: bathroom number
country: es|it|pt
description: owner comment
distance: distance to center if appliable
district:
exterior: boolean
favComment: if token is present, user comment
favourite: boolean (is favourite)
floor: floor number
hasVideo: boolean
latitude: coordinarte
longitude: coordinate
municipality:
neighborhood:
numPhotos: number of photos
operation: V|A
price:
propertyCode: idealista property code
propertyTypeCode:
VP(flat)|VA(penthouse)|VD(duplex)|VE(studio)|VJ|VU|VI
(chalet|O (office)|L (premise)|H (room)|G (garage)
province:
region:
rooms: number of rooms
showAddress: boolean, show address allowed or not
size: square meters
subregion:
thumbnail:
url: idealista url
userCode: idealista owner user code
videoType: [P, I, F] (personal video, made by idealista, without
video)
}, ………
]
itemsPerPage: number
lowerRangePosition: lower index
resultSummary: search description
total:
totalPages:
upperRangePosition: upper range

extra help an more details

more info in http://www.idealista.com/labs/api.htm
and idealista api forum: http://groups.google.com/group/idealista-api

would you like to ask a question, have a comment or need further details? contact us.

idealista research and development
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