

Resultlist Version 2

Purpose

The *resultlist* resource provides the ability to execute searches and load result lists of commercial properties and realstates

URL

URL	Note
https://api.immobilienscout24.at/v2/resultlist?parameters	most parameters are optional; for more details see <i>Query Parameters</i>

Example

The following URL will return listings that

- are offices
- to rent
- have a maximum price of 1000 €
- are within the search radius of 2 km from the center of Vienna

<https://api.immobilienscout24.at/v2/resultlist?propertyTypes=OFFICE&marketingTypes=RENT&price.max=1000&searchRadius.center.latitude=48.215523&searchRadius.center.longitude=16.376381&searchRadius.distance=2>

The API is protected, so you have to send your API Key in as Authorization Header

example

```
curl -H "Authorization: yourAPIKey"
https://api.immobilienscout24.at/v2/resultlist?propertyTypes=OFFICE&marketingTypes=RENT&price.max=1000&searchRadius.center.latitude=48.215523&searchRadius.center.longitude=16.376381&searchRadius.distance=2
```

Supported Methods

Method	Action
GET	Execute a search and get the result.

Query Parameters

The *resultlist* resource accepts the following parameters

Name	Required	Available	Type	Example	Description
Location					
boundingBox.northEast.latitude	no	both	number	48.312428	NOT RECOMMENDED BoudingBox is recalculated internally to an inside circle. When given all four boundingBox parameters must be given

boundingBox.northEast.longitude	no	both	number	16.601601	NOT RECOMMENDED BoudingBox is recalculated internally to an inside circle. When given all four boundingBox parameters must be given
boundingBox.southWest.latitude	no	both	number	48.072115	NOT RECOMMENDED BoudingBox is recalculated internally to an inside circle. When given all four boundingBox parameters must be given
boundingBox.southWest.longitude	no	both	number	16.133995	NOT RECOMMENDED BoudingBox is recalculated internally to an inside circle. When given all four boundingBox parameters must be given
searchRadius.center.latitude	no	both	number	48.208202	When given also searchRadius.center.longitude and searchRadius.distance must be given
searchRadius.center.longitude	no	both	number	16.382561	When given also searchRadius.center.latitude and searchRadius.distance must be given
searchRadius.distance	no	both	number		When given also searchRadius.center.latitude and searchRadius.center.longitude must be given
Fields					
fields	no	both	list of strings	"id"	A list of fields which should be returned for this query, e.g. only fields 'id' and 'geocoordinate'
Types					
propertyTypes	yes	both	list of strings	either a set of residential : "APARTMENT", "HOUSE", "LAND_RESIDENTIAL", "MISCELLANEOUS_RESIDENTIAL" or a set of commercial : "RETAIL", "OFFICE", "GASTRONOMY", "INDUSTRIAL", "HOTEL", "AGRICULTURE_AND_TIMBER", "MISCELLANEOUS", "LAND_COMMERCIAL"	
marketingTypes	no	both	list of strings	"BUY", "RENT", "LEASEHOLD", "LEASE"	

commercialPropertyObjectType	no	<u>commercial</u>	list of strings	"SHARED_OFFICE_SPACE", "EXHIBITION_SPACE", "OFFICE_BUILDING", "OFFICE", "DOCTORS_OFFICE", "MISCELLANEOUS", "OPEN_AREA", "INDUSTRIAL", "WAREHOUSE", "PRODUCTION", "GARAGE", "HIGH_RACK_WAREHOUSE", "FIELD", "FARM", "HUNTING_GROUND", "AGRICULTURE_HOLDING", "HORSE_STABLE", "BARN", "VINEYARD", "HOTEL", "BED_AND_BREAKFAST", "CAFE", "GASTRONOMY", "BOARDING_HOUSE", "BAR", "RESTAURANT", "SHOPPING_CENTER", "RETAIL_STORE", "SHOP", "SUPERMARKET"	If <u>commercial</u> propertyTypes are given the results can be restricted by this object types.
Filters					
userCriteria	no	both	list of strings	Balkon	A list of custom query strings
rooms.min	no	<u>residential</u>	number	1	
rooms.max	no	<u>residential</u>	number	10	
area.min	no	both	number	60	
area.max	no	both	number	250	
price.min	no	both	number	500	
price.max	no	both	number	1500	
pricePerSquareMeter.min	no	<u>commercial</u>	number	1	
pricePerSquareMeter.max	no	<u>commercial</u>	number	5	
commission	no	both	boolean	true, false	When set to false all found items with no commission due
Paging					
paging.pageNumber	no	both	number	1	The page number to which listings are included in the response. Page numbers start by one. Default is 1.
paging.pageSize	no	both	number	10	Number of listings to be shown per page at max. Default is 10.
Sorting					
sorting.criteria	no	both	string	"PRICE", "AREA", "DISTANCE", "CREATED"	The criteria to sort for.
sorting.order	no	both	string	"ASCENDING", "DESCENDING"	The sorting order.

Response

Null-values are removed. The response contains either residential or commercial specific attributes (e.g. rooms for residential, pricePerSquareMeter for commercial).

Resultlist Sample Response

```
{
  "listings": [
    {
      "address": {
        "showAddress": false,
        "city": "Wien",
```

```

        "country": "Österreich",
        "zipCode": "1090"
    },
    "area": 108.41,
    "id": "51478dec0cf2280fc92b41c4",
    "marketingType": "RENT",
    "pictureId": "df09a67ae052450c897871ecc31e185c",
    "price": 869.25,
    "priceDetails": {
        "priceOnRequest": false
    },
    "propertyType": "APARTMENT",
    "isPrivateInsertion": false,
    "rooms": 3,
    "title": "Sanierungsbedürftige 3 Zimmer Wohnung",
    "titlePicture": {
        "id": "df09a67ae052450c897871ecc31e185c",
        "url":
"http://www.immobilienscout24.at/pictureserver/loadPicture?id=df09a67ae052450c897871ecc31e185c",
        "titlePicture": true,
        "floorplan": false
    },
    "url":
"http://www.immobilienscout24.at/expose/51478dec0cf2280fc92b41c4"
},
{
    "address": {
        "showAddress": false,
        "city": "Wien, Alsergrund",
        "country": "Österreich",
        "zipCode": "1090"
    },
    "area": 83,
    "id": "5139c37f0cf247358cb46841",
    "marketingType": "RENT",
    "isPrivateInsertion": false,
    "pictureId": "ff580ff4cbff496ebe242ead61fc4aa3",
    "price": 0,
    "priceDetails": {
        "priceOnRequest": true
    },
    "propertyType": "APARTMENT",
    "rooms": 3,
    "title": "DG-Wohnung mit Terrasse",
    "titlePicture": {
        "id": "ff580ff4cbff496ebe242ead61fc4aa3",
        "url":
"http://www.immobilienscout24.at/pictureserver/loadPicture?id=ff580ff4cbff496ebe242ead61fc4aa3",
        "titlePicture": true,
        "floorplan": false
    },

```

```
    "url":  
    "http://www.immobilienscout24.at/expose/5139c37f0cf247358cb46841"  
  },  
  ],  
  "searchCriteria": {  
    "marketingTypes":  
    [  
      "RENT"  
    ],  
    "price": {  
      "max": 1000  
    },  
    "propertyTypes":  
    [  
      "APARTMENT"  
    ],  
    "rooms": {  
      "min": 3  
    },  
    "boundingBox": {  
      "northEast": {  
        "latitude": 48.233492,  
        "longitude": 16.403349  
      },  
      "southWest": {  
        "latitude": 48.197554,  
        "longitude": 16.349413  
      }  
    },  
    "paging": {  
      "pageNumber": 1,  
      "pageSize": 10  
    },  
    "referencePoint": {  
      "latitude": 48.215523,  
      "longitude": 16.376381  
    },  
    "sorting": {  
      "criteria": {  
        "enumType": "searchservice.domain.search.SortCriteria",  
        "name": "CREATED"  
      },  
      "order": {  
        "enumType": "searchservice.domain.search.SortOrder",  
        "name": "DESCENDING"  
      }  
    }  
  }  
},
```

```

    "totalNumberOfListings": 2,
    "totalNumberOfPages": 1
  }

```

Name	Available	Type	Example
totalNumberOfListings	both	number	235
totalNumberOfPages	both	number	24
listings			
listings	list	array	
listings[].address.showAddress	both	boolean	true
listings[].address.city	both	string	Wien
listings[].address.country	both	string	Österreich
listings[].address.district	both	string	Floridsdorf
listings[].address.zipCode	both	string	3830
listings[].address.street	both	string	Hauptstrasse
listings[].address.streetNumber	both	string	23a
listings[].area	both	number	30
listings[].areaDetails.divisibleArea	<u>commercial</u>	number	50
listings[].commercialPropertyType	<u>commercial</u>	string	"SHARED_OFFICE_SPACE", "EXHIBITION_SPACE", "OFFICE_BUILDING", "OFFICE", "DOCTORS_OFFICE", "MISCELLANEOUS", "OPEN_AREA", "INDUSTRIAL", "WAREHOUSE", "PRODUCTION", "GARAGE", "HIGH_RACK_WAREHOUSE", "FIELD", "FARM", "HUNTING_GROUND", "AGRICULTURE_HOLDING", "HORSE_STABLE", "BARN", "VINEYARD", "HOTEL", "BED_AND_BREAKFAST", "CAFE", "GASTRONOMY", "BOARDING_HOUSE", "BAR", "RESTAURANT", "SHOPPING_CENTER", "RETAIL_STORE", "SHOP", "SUPERMARKET"
listings[].geocoordinate.latitude	both	number	48.312428
listings[].geocoordinate.longitude	both	number	16.403349
listings[].geocoordinate.distanceFromReference	both	number	1.234
listings[].id	both	string	4f4d8bba2d918a3f76e78012
listings[].isPrivateInsertion	<u>residential</u>	boolean	true
listings[].marketingType	both	string	"BUY", "RENT", "LEASEHOLD", "LEASE"
listings[].titlePicture.floorplan	both	boolean	false
listings[].titlePicture.id	both	string	4f4d8bba2d918a3f76e78012
listings[].titlePicture.titlePicture	both	boolean	true

listings[].titlePicture.url	both	string	http://picture.immobilienscout24.at/pictureserver/loadPicture?id=9138cf5c35c24e8e8e
listings[].price	both	number	100000
listings[].pricePerSquareMeter	<u>commercial</u>	number	12.4
listings[].priceDetails.priceOnRequest	both	boolean	true
listings[].propertyType	both	string	"APARTMENT", "HOUSE", "LAND_RESIDENTIAL", "MISCELLANEOUS_RESIDENT", "OFFICE", "GASTRONOMY", "INDUSTRIAL", "HOTEL", "AGRICULTURE_AND_TIME", "MISCELLANEOUS", "LAND_COMMERCIAL"
listings[].rooms	<u>residential</u>	number	3
listings[].title	both	string	Schöne Wohnung
listings[].url	both	string	http://www.immobilienscout24.at/commercial/expose?id=4f4d8bba2d918a3f76e78012

Search Criteria - playback

playback of understood respectively calculated search criterias which took effect to the search results

searchCriteria.propertyTypes	both		
searchCriteria.marketingTypes	both		
searchCriteria.commercialPropertyObjectType	<u>commercial</u>		
searchCriteria.userCriteria	both		
searchCriteria.rooms.min	<u>residential</u>		
searchCriteria.rooms.max	<u>residential</u>		
searchCriteria.area.min	both		
searchCriteria.area.max	both		
searchCriteria.price.min	both		
searchCriteria.price.max	both		
searchCriteria.pricePerSquareMeter.min	<u>commercial</u>		
searchCriteria.pricePerSquareMeter.max	<u>commercial</u>		
searchCriteria.paging.pageNumber	both		
searchCriteria.paging.pageSize	both		
searchCriteria.sorting.criteria	both		
searchCriteria.sorting.order	both		

Search Criteria - calculated

searchCriteria.boundingBox			
searchCriteria.boundingBox.northEast.latitude	both	number	
searchCriteria.boundingBox.northEast.longitude	both	number	
searchCriteria.boundingBox.southWest.latitude	both	number	
searchCriteria.boundingBox.southWest.longitude	both	number	
searchCriteria.referencePoint			

searchCriteria.referencePoint.latitude	both	number	48.208202
searchCriteria.referencePoint.longitude	both	number	16.382561