Implisense API

Implisense GmbH

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Overview

Welcome to the *Implisense API* documentation. This is a description of the services Implisense provides via its Data-as-a-Service platform. We provide two principal types of endpoints: First, the /companies-endpoint delivers detailed information about specific companies. Second, the /autocomplete-, /lookup-, /search-, and /recommend-endpoints provide various methods to look up and search for companies or get recommendations.

Getting started

Once you have received your access token from Implisense you are already all set and ready to go. You can access the Implisense API via an API tool, such as Postman, or incorporate it directly into your own software. Our data exchange format of choice is JSON. You are encouraged to specify this format explicitly in the header for each of your requests. Set both the "Content-Type"- (for POST- and PUT-requests) and the "Accept"-header to "application/json". Via the "Authorization"-header you can also authenticate your requests via Basic Authentication (see below). Consult the documentation of your programming language of choice to find the details about how to implement these settings.

Basics of Authentication

We currently provide two ways for you to authenticate your requests. The preferred way is to use Basic Authentication. In Basic Authentication, the base64-encoded string of <username>:<password> is passed as value for the "Authorization"-header. For the Implisense API you specify your access token as username and leave the password blank. Depending on your programming language there may be a library that handles Basic Authentication and lets you specify username and password. Otherwise you may have to encode the string "<token>:" manually. The second way for you to authenticate your requests is by adding the query parameter "token=<token>" to each of your requests. This way is slightly less secure as tokens specified in the URL may end up in web browsers, caches, etc.

Changelog

Version 1.80 (May 2019)

- A new endpoint GET /lookup/{query} has been introduced. It essentially functions the same as the POST /lookup-endpoint with the query being used to fill the query-field in the LookupRequest.
- The result of the /lookup-endpoint now includes the link to the public company web profile provided by Implisense.
- The endpoint /topics now additionally returns the "threshold" parameter back in the

output.

- The endpoint /autocomplete has been marked as deprecated and is no longer documented. It will be replaced by an improved suggester endpoint.
- The deprecated /profile-endpoint has been removed.
- We removed Google+ from and added Kununu to the list of possible social media items.

Version 1.75 (October 2018)

- The endpoints /search and /recommend now come with a score for each company result. The score will enable you to better judge the difference in quality between the individual results.
- The "type"- and "category"-filter of the /events-endpoint now both allow filtering for multiple criteria. You can simply comma-separate them.
- The /data-endpoint now additionally comes with a link to the public company web profile provided by Implisense.
- We added a query parameter "threshold" to the /topics-endpoint that allows ignoring topics below the threshold for the result.
- After removing the filters for revenues and employees we now removed the correspoding facets in the results for /search and /recommend to ensure consistency between filters and facets. Attention! This change may not be backward-compatible, please review your integration!
- We added Instagram to the list of possibile social media items.

Version 1.70 (June 2018)

- We have now finally merged the /data- and /dataplus-endpoints. They both give the same result now (the /dataplus result), we remove /dataplus from this documentation. The /dataplus-endpoint is now deprecated but still working. It will be removed in the future.
- We now removed the people from the /data- and /dataplus-endpoint. People have been available under the separate /people-endpoint since version 1.60.
- The "revenuesFilter" and "employeesFilter" for the /search- and /recommend-endpoints have been deprecated and do not function any longer. They are subsumed by the "sizesFilter" introduced in the previous version.
- We now document minimum and maximum value for the "from" and "size" parameters for the /search- and /recommend-endpoints.

Version 1.61 (Januar 2018)

- We added more examples to the documentation to make the online version more useful.

- For SearchRequest and RecommendationRequest a new filter, the "sizesFilter", has been added.
- The facets of search an recommendation results now include "sizes", a summary of revenues and employees.

Version 1.60 (October 2017)

- The /profile-endpoint has been marked as deprecated and is no longer part of the documentation.
- Instead, its output is now provided via two new endpoints: /topics and /links. Links have also three additional attributes: "type", "direction", and "weight". (Previously provided "inLinks" and "outLinks" now have "type" "WEB" and "direction" "IN" and "OUT", respectively.)
- In addition, a third new endpoint /people was added, which provides a list of people associated with a company. The output is the same as for the "people"-attibute of the /dataplus-endpoint. The latter will eventually be deprecated.
- The attribute "snippets" has been added to the output of both the /data- and /dataplus-endpoints. Snippets are extracts from the websites of companies that our heuristics deem as relevant.
- The attribute "active" has been added to the LookupRequest type. With it, you can specify to obtain only companies that are still active, i.e., officially still in business. The default value is "false".
- In addition, this documentation has now been enriched with examples (now added to the Swagger standard) to provide better understanding.

Version 1.50 (April 2017)

- The attribute "purpose" has been added to the output of both the /data- and /dataplus-endpoints.
- The attribute "size", indicating a summary of both revenue and number of employees, has been added to the /dataplus-endpoint.
- The /dataplus-endpoint now provides "people", a list of people associated with a company and detected from Handelsregister announcements and the websites.
- The /events-endpoint now contains two additional query parameters "type" and "category", which allow further filtering of the event timeline based on the event types and categories.
- Three additional event types have been added: JOBS, PRESSRELEASE, and TWITTER. The type RSS has been renamed to BLOG.

Version 1.40 (February 2017)

- For the ExternalIds type the attribute "lei", representing the Legal Entity Identifier, has been added.
- The "lei"-attribute has been added to the LookupRequest type as well, it can thus also be used for company look-ups.
- The social media profiles (attribute "socialMedia") are now modeled as a list of social media items (instead of explicit attributes for every network) to make parsing and extending easier. YouTube has been added where available.
- The revenue and employees classes have an additional attribute "name" giving the plain text descriptions of the classes.
- The attribute "categories" for the Event type has been changed to "category". We now give only one category per event. In addition, the "category" attribute is complex, consisting of "code" and "title".
- The /events-endpoint now has an additional query parameter "size", allowing the user to specify the number of events to be returned. Default value is, as before, 10, maximum value is 1000.
- The Link type now contains an additional attribute "source", which lists the specific URL where the link was detected (as opposed to the attribute "url", which lists the main URL of the linked company).
- For the Facets type the "sectors"-attribute has been renamed to "industries" to be consistent with other types.
- Many previously deprecated attributes have actually been removed from the API.

Version 1.30 (December 2016)

- The Event type has been completely remodeled. The attributes "key" and "value" have been marked as deprecated and are no longer documented.
- Instead, the attributes "categories", "title", "text", and "publisher" have been added.
- The list of possible values for event types has been updated.
- The CompanyCard type has been split into a context-free type CompanyCard that is the result of /lookup and /company/{id} and a type ContextualizedCompanyCard that is the result of /search and /recommend and contains the previously introduced output of the "explain"-parameter, i.e. puts the company into the context of a search or a recommendation.

Version 1.20 (September 2016)

- For the CompanyCard type, the output of /lookup, /search, and /recommend, the

obfuscation of the address information has been removed.

- For the input of /search and /recommend, "sectorsFilter" has been renamed to "industriesFilter".
- For the input of /search and /recommend, "propertiesFilter" and "eventsFilter" have been marked as deprecated and are no longer documented.
- A new query parameter "explain" has been introduced for the /search and /recommend endpoints. If set to true, the result includes snippets of website matches for query terms (in the case of /search) or relevant terms (in the case of /recommend) for every company.
- The targetProfile in the output of /recommend is now optional and only provided if the new "explain"-parameter is set to true. The "features"-output in the targetProfile has a different structure now, it comes as an ordered list with the feature key provided in each individual entry (previously, it was grouped by key).
- A third consequence of the "explain"-parameter is that for /recommend each company result includes an individual explanation listing the relevant subset of the global explanation together with relevant website snippets.
- For the output of /dataplus, "sectors" has been renamed to "industries". The output for each industries standard is now structured and contains the names of the industries.
- For the output of /profile, "properties" has been renamed to "topics". "superType" and "subType" have been replaced by "type".

Version information

Version : 1.80

Contact information

Contact : support@implisense.com

URI scheme

Host : api.implisense.com
BasePath : /
Schemes : HTTPS

Consumes

- `application/json`

Produces

- `application/json`

Paths

GET /companies/{id}

```
GET /companies/{id}
```

Description

This endpoint returns a small overview of the company with the given identifier. This overview is called the company card. It is also the return type of all search-related endpoints. It is basically just a placeholder, so that this endpoint is valid. For more detailed information about the company you have to call other endpoints below, which return details about different aspects of companies.

Parameters

Type	Name	Description	Schema
Path	**id** *required*	The Implisense identifier of the company.	string

Responses

HTTP Code	Description	Schema
200	A company card object.	CompanyCard

Produces

- `application/json`

GET /companies/{id}/data

```
GET /companies/{id}/data
```

Description

This endpoint returns the basic information of the company with the given identifier. The information includes all the core data (name, address), web data if known (phone, fax, email, url, social media profiles), legal information (registry, founding date, capital), up to three industries, and revenue and employees class.

Parameters

Type	Name	Description	Schema
Path	**id** *required*	The Implisense identifier of the company.	string

Responses

HTTP Code	Description	Schema
200	A company data object.	CompanyData

Produces

- `application/json`

GET /companies/{id}/events

```
GET /companies/{id}/events
```

Description

This endpoint returns the latest events about the company with the given identifier since the given timestamp. This timestamp is optional and is specified via a query parameter. Events come with a type (companies' register event, news, website change, etc.), a category (change in management, finances, merger/acquisition, etc.), a text (the content of the event), a source, and a timestamp.

Parameters

Type	Name	Description	Schema	Default
Path	**id** *required*	The Implisense identifier of the company.	string	

Type	Name	Description	Schema	Default
Query	**category** *optional*	Restrict the output to a certain category of events. Possible values are NAME_AND_ADDRESS, PURPOSE_AND_INDUSTRY, MANAGEMENT_AND_TEAM, FINANCES_AND_CAPITAL, MERGERS_AND_ACQUISITIONS, BANKRUPTCY, NEWS_AND_EVENTS, PRODUCTS, CUSTOMERS_AND_PARTNERS, RESEARCH_AND_TECHNOLOGY, JOBS, LOCATIONS_AND_INTERNATIONAL, LEGAL, and MISC. You can add multiple criteria by comma-separating them.	string	
Query	**since** *optional*	The point in time since which events shall be returned. Can be specified as numeric timestamp in milliseconds format or as string in either dd.MM.yyyy or yyyy-MM-dd format (e.g., 2015-06-30).	string	
Query	**size** *optional*	The number of events to be returned.	integer (int32)	`10`
Query	**type** *optional*	Restrict the output to a certain type of events. Possible values are BLOG, HRB, NEWS, PRESSRELEASE, TWITTER, WEBDIFF. You can add multiple criteria by comma-separating them.	string	

Responses

HTTP Code	Description	Schema
200	A company events object.	CompanyEvents

Produces

- `application/json`

GET /companies/{id}/links

```
GET /companies/{id}/links
```

Description

This endpoint returns the results of the various link analysis we perform. Currently, we provide the analysis of incoming and outgoing links for company websites.

Parameters

Type	Name	Description	Schema
Path	**id** *required*	The Implisense identifier of the company.	string

Responses

HTTP Code	Description	Schema
200	A company links object.	CompanyLinks

Consumes

- `application/json`

Produces

- `application/json`

GET /companies/{id}/people

```
GET /companies/{id}/people
```

Description

This endpoint returns the information about people associated with the company with the given identifier. The information includes names, roles, email addresses, and phone numbers, if available.

Parameters

Type	Name	Description	Schema
Path	**id** *required*	The Implisense identifier of the company.	string

Responses

HTTP Code	Description	Schema
200	A company people object.	CompanyPeople

Produces

- `application/json`

GET /companies/{id}/topics

```
GET /companies/{id}/topics
```

Description

This endpoint returns the results of the smart topics analysis we perform on the company websites. These results give insights into the characteristics of a company and into what topics might be relevant for the company.

Parameters

Type	Name	Description	Schema	Default
Path	**id** *required*	The Implisense identifier of the company.	string	
Query	**threshold** *optional*	A threshold between 0.0 and 1.0 to include only topics in the result with a score at least as high as the threshold.	number (double)	`0.0`

Responses

HTTP Code	Description	Schema
200	A company topics object.	CompanyTopics

Produces

- `application/json`

POST /lookup

```
POST /lookup
```

Description

This endpoint assists in finding companies and their identifiers via some fixed attributes, such as company name, website or email. In addition, you can provide all known attribute values in a separate query field, and we will make our best guess. A maximum of ten candidates is returned.

Parameters

Type	Name	Description	Schema
Body	**request** *required*	The lookup request object.	LookupRequest

Responses

HTTP Code	Description	Schema
200	A list of at most ten company card objects.	< CompanyCard > array

Consumes

- `application/json`

Produces

- `application/json`

GET /lookup/{query}

```
GET /lookup/{query}
```

Description

This endpoint assists in finding companies and their identifiers via a generic query. The query may contain the name of the company or some attribute values, such as the website or the email address. We will make our best guess. A maximum of ten candidates is returned.

Parameters

Type	Name	Description	Schema
Path	**query** *required*	The lookup query. May be a collection of known attribute values, for example name and city.	string

Responses

HTTP Code	Description	Schema
200	A list of at most ten company card objects.	< CompanyCard > array

Produces

- `application/json`

POST /recommend

```
POST /recommend
```

Description

This endpoint lets you create a new recommendation request, and returns the recommendation result. A recommendation is based on a number of input companies, which you have to provide via their identifiers. The result can be narrowed down using various filters. In addition to the actual result and the facets we optionally provide the target profile, an attempt to explain on what basis our recommendations is computed. This includes the individual explanation for every resulting company as well as snippets from the company

websites that match the explanation.

Parameters

Type	Name	Description	Schema	Default
Query	**explain** *optional*	If set to true, the output contains explanations for the recommendation in the form of the target profile, individual features, and snippets that match the explanation.	boolean	`"false"`
Query	**from** *optional*	The index of the first result to be returned. The sum of "from" and "size" is limited to 1000.	integer (int32)	`0`
Query	**size** *optional*	The number of results to be returned. The sum of "from" and "size" is limited to 1000.	integer (int32)	`50`
Body	**request** *required*	The recommendation request object.	RecommendationRequest	

Responses

HTTP Code	Description	Schema
200	A recommendation result object.	RecommendationResult

Consumes

- `application/json`

Produces

- `application/json`

POST /search

```
POST /search
```

Description

This endpoint lets you create a new search request, which may include one or more search strings and various filters, and returns the search result. In addition to the actual search result, the search facets (roughly speaking, statistics about the search result that give you ideas to refine your search) are provided. Optionally, we provide the individual matches of the query terms in the company websites.

Parameters

Type	Name	Description	Schema	Default
Query	**explain** *optional*	If set to true, the output contains snippets of the query matches in company websites.	boolean	`"false"`
Query	**from** *optional*	The index of the first result to be returned. The sum of "from" and "size" is limited to 1000.	integer (int32)	`0`
Query	**size** *optional*	The number of results to be returned. The sum of "from" and "size" is limited to 1000.	integer (int32)	`50`
Body	**request** *required*	The search request object.	SearchRequest	

Responses

HTTP Code	Description	Schema
200	A search result object.	SearchResult

Consumes

- `application/json`

Produces

- `application/json`

Definitions

BasicFacetIndustries

The basic facet type.

Name	Description	Schema
code *required*	The code for the actual facet value. **Example** : `"J62"`	string
name *optional*	The name for the actual facet value. **Example** : `"Erbringung von Dienstleistungen der Informationstechnologie"`	string
number *optional*	The number of occurrences of the facet in the search result. **Example** : 2	integer (int32)
type *optional*	A type of the facet, such as a classification system. **Example** : `"nace"`	string

BasicFacetLocations

The basic facet type.

Name	Description	Schema
code *required*	The code for the actual facet value. **Example** : `"de-be"`	string
name *optional*	The name for the actual facet value. **Example** : `"Berlin"`	string
number *optional*	The number of occurrences of the facet in the search result. **Example** : 3	integer (int32)
type *optional*	A type of the facet, such as a classification system. **Example** : `"state"`	string

BasicFacetSizes

The basic facet type.

Name	Description	Schema
code *required*	The code for the actual facet value. **Example** : `"MICRO"`	string
name *optional*	The name for the actual facet value. **Example** : `"Kleinstunternehmen"`	string
number *optional*	The number of occurrences of the facet in the search result. **Example** : `4`	integer (int32)
type *optional*	A type of the facet, such as a classification system. Can be empty. **Example** : `""`	string

BasicFilterIndustries

The basic filter type.

Name	Description	Schema
code *required*	The code for the actual filter value. **Example** : `"J62"`	string
type *optional*	A type of the filter, such as a classification system. **Example** : `"nace"`	string

BasicFilterLocations

The basic filter type.

Name	Description	Schema
code *required*	The code for the actual filter value. **Example** : `"de-10"`	string
type *optional*	A type of the filter, such as a classification system. **Example** : `"zip"`	string

BasicFilterSizes

The basic filter type.

Name	Description	Schema
code *required*	The code for the actual filter value. **Example** : `"SMALL"`	string
type *optional*	A type of the filter, such as a classification system. Can be left empty. **Example** : `""`	string

CompanyCard

The company card type giving a brief overview about a company.

Name	Description	Schema
active *optional*	Indicator of whether the company is in business. **Example** : `true`	boolean
city *optional*	The city of the company headquarters. **Example** : `"Berlin"`	string
id *required*	The Implisense identifier of the company. **Example** : `"DEVFCLQFW054"`	string
name *required*	The official complete name of the company. **Example** : `"Implisense GmbH"`	string
profile *optional*	The link to the public company profile provided by Implisense. **Example** : `"https://companies-and-markets.com/profiles/DEVFCLQFW054"`	string
street *optional*	The street and number of the company headquarters. **Example** : `"Spiekermannstraße 31a"`	string
url *optional*	The URL of the principal website of the company. **Example** : `"http://implisense.com/"`	string
zip *optional*	The zip code of the company headquarters. **Example** : `"13189"`	string

CompanyData

The company data type with basic information about companies plus information about the company's industry and size.

Name	Description	Schema
active *optional*	Indicator of whether the company is in business. **Example** : `true`	boolean
capital *optional*	The capital stock of the company. **Example** : `"30168.00 EUR"`	string
city *optional*	The city of the company headquarters. **Example** : `"Berlin"`	string
email *optional*	The email address of the company headquarters. **Example** : `"hello@implisense.com"`	string
employees *optional*		Employees
externalIds *optional*		ExternalIds
fax *optional*	The fax number of the company headquarters. **Example** : `"+49 30 47370370"`	string
foundingDate *optional*	The founding date of the company as a numeric timestamp in milliseconds. **Example** : `1.380492E12`	number (double)
geo *optional*		GeoCoordinate
id *required*	The Implisense identifier of the company. **Example** : `"DEVFCLQFW054"`	string
industries *optional*		Industries
legalForm *optional*	The legal form of the company. **Example** : `"Gesellschaft mit beschränkter Haftung"`	string

Name	Description	Schema
name *required*	The official complete name of the company. **Example** : `"Implisense GmbH"`	string
phone *optional*	The phone number of the company headquarters. **Example** : `"+49 30 48331280"`	string
profile *optional*	The link to the public company profile provided by Implisense. **Example** : `"https://companies-and-markets.com/profiles/DEVFCLQFW054"`	string
purpose *optional*	The purpose (description of its business) of the company. **Example** : `"Der Betrieb eines Informationsdienstes für Wirtschaftsinformationen."`	string
revenue *optional*		Revenue
size *optional*		Size
snippets *optional*	Relevant extracts from the websites of companies.	< Snippet > array
socialMedia *optional*	The list of social media profiles of the company.	< SocialMediaItem > array
street *optional*	The street and number of the company headquarters. **Example** : `"Spiekermannstraße 31a"`	string
timestamp *optional*	The timestamp of the last update of the company as a numeric timestamp in milliseconds. **Example** : `1.515375744214E12`	number (double)
url *optional*	The URL of the principal website of the company. **Example** : `"http://implisense.com/"`	string
zip *optional*	The zip code of the company headquarters. **Example** : `"13189"`	string

CompanyEvents

The company events type giving a timeline of company events in reverse chronological order.

Name	Description	Schema
events *required*	A list of events in reverse chronological order.	< Event > array
id *required*	The Implisense identifier of the company. **Example** : `"DEVFCLQFW054"`	string
since *optional*	An optional timestamp indicating a boundary for the oldest events listed. It is a replication of the parameter specified in the request. **Example** : `0.0`	number (double)

CompanyLinks

A list of links of various types of the current company to other companies.

Name	Description	Schema
id *required*	The Implisense identifier of the company. **Example** : `"DEVFCLQFW054"`	string
links *optional*	A list of links to other companies.	< Link > array

CompanyPeople

A list of people associated with the company, extracted from registers and public websites.

Name	Description	Schema
id *required*	The Implisense identifier of the company. **Example** : `"DEVFCLQFW054"`	string
people *required*	A list of people associated with the company.	< Person > array

CompanyTopics

A list of topics that are identified as relevant for the company. The analysis is performed on

the website content of the company.

Name	Description	Schema
id *required*	The Implisense identifier of the company. **Example** : `"DEVFCLQFW054"`	string
threshold *optional*	Repeats the input threshold parameter. Topics with a score below this threshold are ignored in the output. **Example** : `0.0`	number (double)
topics *optional*	A list of topics that are identified as relevant for the company.	< Topic > array

ContextualizedCompanyCard

The company card type giving a brief overview about a company. Here, additional information about the search or recommendation context as well as the score is provided.

Name	Description	Schema
active *optional*	Indicator of whether the company is in business. **Example** : `true`	boolean
city *optional*	The city of the company headquarters. **Example** : `"Berlin"`	string
explanation *optional*	A list of the most significant individual features in a recommendation with matching website snippets, ordered by their relevance.	< FeatureStatistic > array
id *required*	The Implisense identifier of the company. **Example** : `"DEVFCLQFW054"`	string
name *required*	The official complete name of the company. **Example** : `"Implisense GmbH"`	string
profile *optional*	The link to the public company profile provided by Implisense. **Example** : `"https://companies-and-markets.com/profiles/DEVFCLQFW054"`	string
score *optional*	A score indicating the fit of the company to the request. **Example** : `0.9271927934169769`	number (double)

Name	Description	Schema
snippets *optional*	An optional list of query matches in the company website.	< Snippet > array
street *optional*	The street and number of the company headquarters. **Example** : `"Spiekermannstraße 31a"`	string
url *optional*	The URL of the principal website of the company. **Example** : `"http://implisense.com/"`	string
zip *optional*	The zip code of the company headquarters. **Example** : `"13189"`	string

Employees

Information about a company's number of employees.

Name	Description	Schema
code *required*	The employees class of the company. Possible values are >250, 50-249, 10-49, and <10. **Example** : `"10-49"`	string
name *optional*	The plain text description of the employees class. **Example** : `"10-49 Mitarbeiter"`	string
year *optional*	The year the information refers to. **Example** : `"2016"`	string

Event

A single company event.

Name	Description	Schema
category *optional*		EventCategory
publisher *required*	The name of the publisher of the event. **Example** : `"Implisense GmbH"`	string

Name	Description	Schema
source *required*	The source URL of the event. **Example** : `"http://blog.implisense.com/jahresrueckblick-2017/"`	string
text *optional*	The textual content of the event. **Example** : `"Der Jahreswechsel ist ein günstiger Zeitpunkt, einmal innezuhalten und 2017 Revue passieren zu lassen. Wir schauen auf ein sehr erfolgreiches Jahr zurück, das wir mit ein paar Highlights in diesem Rückblick zusammengefasst haben…"`	string
timestamp *required*	The timestamp of the event as a numeric timestamp in milliseconds. **Example** : `1.514973349E12`	number (double)
title *required*	A title for the event. **Example** : `"Jahresrückblick 2017 des Implisense-Gründerteams"`	string
type *required*	The type of the event, indicating a classification of the source. Possible values are BLOG, HRB, NEWS, PRESSRELEASE, TWITTER, WEBDIFF. **Example** : `"BLOG"`	string

EventCategory

A category automatically assigned to events.

Name	Description	Schema
code *required*	The category code. Possible values are NAME_AND_ADDRESS, PURPOSE_AND_INDUSTRY, MANAGEMENT_AND_TEAM, FINANCES_AND_CAPITAL, MERGERS_AND_ACQUISITIONS, BANKRUPTCY, NEWS_AND_EVENTS, PRODUCTS, CUSTOMERS_AND_PARTNERS, RESEARCH_AND_TECHNOLOGY, JOBS, LOCATIONS_AND_INTERNATIONAL, LEGAL, and MISC. **Example** : `"MANAGEMENT_AND_TEAM"`	string

Name	Description	Schema
title *optional*	A plain text description of the event category. **Example** : `"Management, Team"`	string

ExternalIds

Various identifiers of the company at other places.

Name	Description	Schema
ebid *optional*	The European Business Identifier, as introduced by unternehmensverzeichnis.org. **Example** : `"2501100133998"`	string
hr *optional*		Hr
lei *optional*	The Legal Entity Identifier, as introduced by the international Financial Stability Board (FSB). **Example** : `""`	string
vat *optional*	The VAT number of the company. **Example** : `"DE292405720"`	string

Facets

The facets type. Includes all individual factes, which are roughly speaking statistics about the search result that enable you to refine your searches. To do so, you simply reuse the 'type' and 'code' attributes in the appropriate filters.

Name	Description	Schema
industries *optional*	A list of facets for specific industries.	< BasicFacetIndustries > array
locationsFilter *optional*	A list of facets for specific regions or locations.	< BasicFacetLocations > array
sizes *optional*	A list of facets for specific size classes.	< BasicFacetSizes > array

FeatureStatistic

The feature statistic type.

Name	Description	Schema
key *required*	The group the feature belongs to. Possible values include "term.de", "term.en", "topic", "revenue", "employees". **Example** : `"term.de"`	string
label *required*	A human-readable description of the key. **Example** : `"Wort (deutsch)"`	string
score *required*	An indication of the relevance of the feature. Based on targetCount, targetRate, totalCount and totalRate. **Example** : `5.115923922429055E-4`	number (double)
snippets *optional*	An optional list of term matches in a company website. Only applicable on the company level.	< Snippet > array
targetCount *required*	The count of the feature value in the set of base companies. **Example** : `3`	integer (int32)
targetRate *required*	The percentage of occurrences of the feature value in the set of base companies. This rate is probably much larger than the totalRate, which indicates the significance of the feature for the recommendation. **Example** : `1.0`	number (double)
totalCount *required*	The count of the feature value in the complete index. **Example** : `4614`	integer (int32)
totalRate *required*	The percentage of occurrences of the feature value in the complete index. **Example** : `0.008433312177658081`	number (double)
value *required*	The value of the feature the statistic is referring to. **Example** : `"implisense"`	string

GeoCoordinate

The geo coordinate type with latitude and longitude.

Name	Description	Schema
lat *required*	The latitude part of the geo coordinate. **Example** : `52.553641`	number (double)
lon *required*	The longitude part of the geo coordinate. **Example** : `13.428667`	number (double)

Hr

The identification of the company at the German companies' register.

Name	Description	Schema
court *required*	The German companies' court where the company is registered. **Example** : `"Berlin (Charlottenburg)"`	string
number *required*	The number of the registration. **Example** : `"153069"`	string
type *required*	The type of the registration (HRA, HRB, AR, GnR, PR, or VR). **Example** : `"HRB"`	string

Industries

The industries a company operates in, grouped by various standards.

Name	Description	Schema
nace *optional*	A list of industry codes, according to the European NACE standard.	< IndustryNace > array
wz2008 *optional*	A list of industry codes, according to the German WZ 2008 standard.	< IndustryWz2008 > array

IndustryNace

A single industry that a company may operate in.

Name	Description	Schema
code *required*	The industry code in the given classification standard. **Example** : `"N82.91"`	string
title *optional*	A human-readable title for the industry. **Example** : `"Inkassobüros und Auskunfteien"`	string
type *required*	The industry classification standard, e.g., "nace" or "wz2008". **Example** : `"nace"`	string

IndustryWz2008

A single industry that a company may operate in.

Name	Description	Schema
code *required*	The industry code in the given classification standard. **Example** : `"82.91.2"`	string
title *optional*	A human-readable title for the industry. **Example** : `"Auskunfteien"`	string
type *required*	The industry classification standard, e.g., "nace" or "wz2008". **Example** : `"wz2008"`	string

Link

A link from or to another company.

Name	Description	Schema
direction *optional*	The direction of the link. Possible values are "IN", "OUT", and "INOUT" (for bidirectional links). **Example** : `"IN"`	string
id *required*	The identifier of the linked company. **Example** : `"DEYCHKYSHK44"`	string

Name	Description	Schema
name *optional*	The name of the linked company. **Example** : `"Bundesverband Deutsche Startups e.V."`	string
source *required*	The specific URL where the link can be found. **Example** : `"https://deutschestartups.org/community/mitglieder/"`	string
type *required*	The type of link. Currently we provide only links based on the company websites (type "WEB"). **Example** : `"WEB"`	string
url *optional*	The main URL of the linked company. **Example** : `"https://www.deutschestartups.org/"`	string
weight *optional*	The weight of the link, indicating the strength of the connection. **Example** : `1.0`	number (double)

LookupRequest

The lookup request type.

Name	Description	Schema
active *optional*	Allows to specify to obtain only companies that are still active, i.e., officially still in business. **Default** : `false` **Example** : `true`	boolean
city *optional*	The city from the company address. **Example** : `"Berlin"`	string
ebid *optional*	The European Business Identifier of the company as introduced by Unternehmensverzeichnis.org. **Example** : `"2501100133998"`	string
email *optional*	The company email address. **Example** : `"hello@implisense.com"`	string

Name	Description	Schema
hrCourt *optional*	The name of the German district court where the company is registered. If provided, you should provide hrType and hrNumber as well. **Example** : `"Berlin (Charlottenburg)"`	string
hrNumber *optional*	The company registration number at its district court. If provided, you should provide hrCourt and hrType as well. **Example** : `"153069"`	string
hrType *optional*	The type of the company registration, e.g., HRA or HRB. If provided, you should provide hrCourt and hrNumber as well. **Example** : `"HRB"`	string
lei *optional*	The Legal Entity Identifier, as introduced by the international Financial Stability Board (FSB). **Example** : `"7LTWFZYICNSX8D621K86"`	string
name *optional*	The company name. **Example** : `"Implisense GmbH"`	string
query *optional*	A collection of known attribute values for the company, for example name and city. If provided, the threshold of acceptance is lowered and more candidates are returned. **Example** : `"Implisense Berlin"`	string
street *optional*	The street from the company address. **Example** : `"Spiekermannstraße 31a"`	string
url *optional*	The URL of the company website. **Example** : `"implisense.com"`	string
zip *optional*	The zip code from the company address. **Example** : `"13189"`	string

Person

A person associated with a company.

Name	Description	Schema
email *optional*	The email address of the person. **Example** : `"andreas.schaefer@implisense.com"`	string
name *required*	The full name of the person. **Example** : `"Dr. Andreas Schäfer"`	string
phone *optional*	The phone number of the person. **Example** : `"+49 30 4833 1281"`	string
role *required*	The role of the person within the company. **Example** : `"Chief Executive Officer"`	string
source *required*	The source URL where the person was detected. **Example** : `"http://implisense.com/en/about-us/"`	string

RecommendationRequest

The recommendation request type.

Name	Description	Schema
baseCompanies *required*	A list of at least three company identifiers that serve as the basis for the recommendation. **Example** : `[ "DEQT7YRT0Q25", "DE9UU4MX1U68", "DE2029TH2J44" ]`	< string > array
companiesFilter *optional*	A filter to reduce the search to specific companies. The filter is specified as a list of company identifiers. **Example** : `[ "DE4DL3PHFA46", "DEVGM85J7723", "DEOIZLSFMY30", "DES88UMLRZ18", "DEF85EAD6W77", "DE7W75GH2K45", "DEZLO14OSB29", "DEDZO7RS6A08" ]`	< string > array
industriesFilter *optional*	A filter for specific industries. As filter type you can provide 'nace' or 'wz2008', as filter code the relevant code from the respective standard.	< BasicFilterIndustries > array

Name	Description	Schema
locationsFilter *optional*	A filter for specific regions or locations. As filter type you can specify 'region', 'state', or 'zip'. As filter code you must prefix every value with 'de-' for Germany, for example 'de-bb' for the Berlin/Brandenburg region, 'de-be' for the state Berlin, or 'de-10' for the zip code prefix 10.	< BasicFilterLocations > array
sizesFilter *optional*	A filter for specific company sizes. Possible values for the filter code include 'MICRO', 'SMALL', 'MEDIUM', and 'LARGE'.	< BasicFilterSizes > array

RecommendationResult

The recommendation result type. Includes factes and optionally the target profile, which serves as an explanation what the recommendation is based on.

Name	Description	Schema
companies *required*	The actual recommendation result, a list of company card objects.	< ContextualizedCompanyCard > array
facets *required*		Facets
size *required*	The total size of the recommendation result. **Example** : `8192`	integer (int32)
targetProfile *optional*		TargetProfile

Revenue

Information about a company's revenue.

Name	Description	Schema
code *required*	The revenue class of the company. Possible values are >50m, 10m-50m, 2m-10m, and <2m. **Example** : `"2m-10m"`	string

Name	Description	Schema
name *optional*	The plain text description of the revenue class. **Example** : `"2-10 Mio. Euro"`	string
year *optional*	The year the information refers to. **Example** : `"2016"`	string

SearchRequest

The search request type.

Name	Description	Schema
companiesFilter *optional*	A filter to reduce the search to specific companies. The filter is specified as a list of company identifiers. **Example** : `[ "DE4DL3PHFA46", "DEVGM85J7723", "DEOIZLSFMY30", "DES88UMLRZ18", "DEF85EAD6W77", "DE7W75GH2K45", "DEZLO140SB29", "DEDZO7RS6A08" ]`	< string > array
industriesFilter *optional*	A filter for specific industries. As filter type you can provide 'nace' or 'wz2008', as filter code the relevant code from the respective standard.	< BasicFilterIndustries > array
locationsFilter *optional*	A filter for specific regions or locations. As filter type you can specify 'region', 'state', or 'zip'. As filter code you must prefix every value with 'de-' for Germany, for example 'de-bb' for the Berlin/Brandenburg region, 'de-be' for the state Berlin, or 'de-10' for the zip code prefix 10.	< BasicFilterLocations > array
queries *optional*	An array of query strings. They are internally connected via the OR-connector. **Example** : `[ "big data", "internet of things" ]`	< string > array
query *optional*	The query string. **Example** : `"big data"`	string
sizesFilter *optional*	A filter for specific company sizes. Possible values for the filter code include 'MICRO', 'SMALL', 'MEDIUM', and 'LARGE'.	< BasicFilterSizes > array

SearchResult

The search result type. Includes factes, which are roughly speaking statistics about the search result that enable you to refine your searches.

Name	Description	Schema
companies *required*	The actual search result, a list of company card objects.	< ContextualizedCompanyCard > array
facets *required*		Facets
size *required*	The total size of the search result. **Example** : `1024`	integer (int32)

Size

Information about a company's size (summary of revenue and number of employees).

Name	Description	Schema
code *required*	The size class of the company. Possible values are MICRO, SMALL, MEDIUM, LARGE. **Example** : `"SMALL"`	string
name *optional*	The plain text description of the company size. **Example** : `"Kleinunternehmen"`	string

Snippet

An extract of the text of a company website.

Name	Description	Schema
source *required*	The source URL of the snippet. **Example** : `"http://implisense.com/"`	string

Name	Description	Schema
text *required*	The snippet text. If the snippet is used to display matches of the query strings, they are tagged with . **Example** : `"Zielgerichtet zu neuen Kunden\nQualifiziert, segmentiert und priorisiert dank <span>Implisense</span> Qualify"`	string

SocialMediaItem

A link to a specific social media profile.

Name	Description	Schema
network *required*	The plain text name of the network. Currently, Facebook, Instagram, Kununu, LinkedIn, Twitter, YouTube, and Xing are included. **Example** : `"Twitter"`	string
url *required*	The URL of the social media profile. **Example** : `"http://twitter.com/implisense"`	string

TargetProfile

The target profile type.

Name	Description	Schema
features *required*	A list of the most significant individual features for the given set of companies, ordered by their relevance.	< FeatureStatistic > array
size *required*	The number of companies that serve as the basis for the profile. **Example** : 3	integer (int32)

Topic

A topic that is in some way relevant to some company.

Name	Description	Schema
score *required*	A score indicating the relevance of the topic for the current company. **Example** : `0.5530032515525818`	number (double)
type *required*	The name of the topic. **Example** : `"Business Intelligence"`	string

Security

basicAuth

HTTP Basic Authentification. Use your token as username and leave password empty.

Type : basic

key

API Key Authentification. Deprecated, please use HTTP basic authentification instead.

Type : apiKey
Name : token
In : QUERY