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IATE search widget

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1. Introduction

The IATE search widget allows you to search and display European Union multilingual terminology from IATE in your website, platform or blog by embedding a piece of code. **The widget queries IATE public data and does not require any login.**

A set of templates are made available in the [‘IATE for developers’](#) section addressing various use cases and showcasing the IATE look and feel. The IATE search widget is fully customisable to match the design of the platform it is placed on, and the search criteria and labels which are more suitable for the target users. If you decide to customise the IATE search widget, you should make sure that IATE is clearly identified as the data source (via the IATE logo or an explicit mention in a prominent location) and indicate any changes you have done. Modifications and visualisations which may damage or distort the image and reputation of IATE and the European Union are strictly prohibited.

Please consult the [IATE Legal notice](#) for details on the applicable terms and conditions.

Neither the IATE search widget nor the IATE data obtained via the widget can be used for commercial purposes.

For more information, please contact iate@cdt.europa.eu.

Since the IATE search widget may undergo updates in the future, you can contact iate@cdt.europa.eu if you wish to be added to the **mailing list of IATE widget consumers** (exclusively for IATE search widget communications).

2. Installation

2.1 Basic installation

To install the IATE search widget on your webpage you will have to copy the following line in the HTML code of your page:

```
<script src='https://iate.europa.eu/assets/plugin.js'></script>
```

A test version of the widget is available in the IATE TEST environment as well:



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```
<script src='https://test.iate2.eu/assets/plugin.js'></script>
```

To ensure compatibility please check that the charset of your page is set to 'UTF-8' by including this line in the page <head>:

```
<meta charset='UTF-8'>
```

The widget should automatically render in the place where the script has been included in the DOM.

In some cases, according to the structure of your page, the widget may not render in the expected place. If this is the case, you can include the following <div> in the exact place in the DOM where you would like it to render.

The widget will automatically detect the existence of the <div> and render in it.

```
<div id="iate_plugin"></div>
```

2.2 Styling the widget

By default, the widget does not contain any style.

If you want to use the CSS code from IATE (IATE look and feel) you can add the following line in the <head> section of your page:

```
<link rel='stylesheet' href='https://iate.europa.eu/assets/plugin.css'>
```

Alternatively, you can write your own CSS code to make IATE content fit better in your design.

Please refer to the [IATE Legal Notice](#) for information concerning the customisation of the widget.

3. Configuration

3.1 Default configuration



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By default, the IATE search widget will render a search form containing the query field and the source and target language selectors.

After downloading the [IATE search widget templates](#) you can open the file `default_template_basic.html` for an example of the widget installed using its default configuration.

3.2 Custom configuration

The [IATE search widget templates](#) include some sample configurations which you can use 'as is' or to familiarise yourself with the customisation options.

The configuration below will, for example, render a basic form where only the query is displayed and requested, and where the results are presented with all metadata displayed.

```
<script>
  iateConfig = {
    verbose: true,
    number_of_results: 20,
    form_is_shown: true,
    query_is_automatically_launched: false,
    search_by_id: false,
    has_clear_btn: false,
    form: {
      query: {
        name: 'Query',
        visible: true,
        default: '',
        mandatory: true,
        type: 'text'
      },
    },
  },
  hitlist: {
    compact: true,
    show_term_ref: true,
    term_ref_label: "Term reference",
    show_definition: true,
    definition_label: "Definition",
  }
}
```



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```
show_definition_ref: true,  
definition_ref_label: "Definition reference",  
show_ll_note: true,  
ll_note_label: "Language note",  
show_ll_note_ref: true,  
ll_note_ref_label: "Language note reference",  
show_tl_note: true,  
tl_note_label: "Term note",  
show_tl_note_ref: true,  
tl_note_ref_label: "Term note reference",  
show_context: true,  
context_label: "Context",  
show_context_ref: true,  
context_ref_label: "Context reference",  
show_domains: true,  
domains_label: "Domains",  
show_reliability: true,  
reliability_label: "Reliability",  
show_lifecycle: true,  
lifecycle_label: "Lifecycle",  
show_origin: true,  
origin_label: "Origin",  
show_language_usage: false,  
language_usage_label: "Language usage",  
show_language_usage_ref: false,  
language_usage_ref_label: "Language usage reference",  
show_regional_usage: false,  
regional_usage_label: "Regional usage",  
show_regional_usage_ref: false,  
regional_usage_ref_label: "Regional usage reference",  
  
    }  
}  
</script>
```

IMPORTANT: The widget configuration has to be included in the page before embedding the widget.

In the subsections below, you will find a description of the different configuration options and the ready-made configurations available in the templates provided.



3.2.1 General parameters

The `iateConfig` object contains different parameters that can change the behaviour of the widget:

- `verbose` can be 'true' or 'false'. If 'verbose' is 'true', the widget will log its errors in the browser console (used only for debug);
- `number_of_results` defines how many results will be made available through the widget search. Its default value is 20, but it can go up to 100 results if needed. Since all results are loaded in the same page, the higher the number, the slower the retrieval and loading. If the number is set to higher than 100, it will be overwritten;
- `form_is_shown` can be 'true' or 'false'. If the value is set to 'false' the form is not shown and the user will not be able to change the query nor to relaunch it. This option can be useful if you want to display a list of IATE entries resulting from a search (e.g. the content of a collection) without giving the possibility to the user to change the list;
- `query_is_automatically_launched` can be 'true' or 'false'. If it is 'true', the default query of the form (configured in the 'form' node) is launched as soon as the widget is loaded. If 'form_is_shown' is 'false' in your configuration, you will want to set 'query_is_automatically_launched' to 'true';
- `search_by_id` is a flag which forces the widget to retrieve and show entries by their IATE ID. If you set this flag to 'true', 'query_is_automatically_launched' should be also 'true' and 'form_is_shown' must be 'false'. The 'form' node must contain only the 'query' node, and the value of the 'query' node must be a string containing one ID (e.g. '878841') or a string of comma separated IDs (e.g. '878841, 865789, 929100'). A sample of this particular case is given in the templates provided;
- `has_clear_btn` can be 'true' or 'false'. If 'true', a 'clear' button is added to the query field;
- `form` is the 'form' node, where we specify both the fields which should be present in the form, and the default value of those fields (a detailed explanation will follow in the section below);



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- **hitlist** is the 'results' node, where we specify the way the results are shown.

3.2.2 Form configuration

The 'form' node can contain one node for each field for which IATE allows filtering during the search. The accepted nodes are the following: query, sourceLanguages, targetLanguages, matching, termType, collections, primary, owner, reliability_sl, reliability_tl.

Inside each of these nodes you will find the same parameters:

- **name** is a string which is used as label of the field as it will appear in the form;
- **visible** is a boolean which determines if the field is visible or not in your form. There might be some fields for which you would like to have a default value in the search but you do not wish your users to change (e.g. if you want to enable the search only in a specific collection, you will set up the collections node to have a default value and to not visible so that the user will not be able to change this setting);
- **default** contains a specific value for the field. It can be a list, a number or a string according to the field. If the type of the field is 'text' or 'singlechoice' the default should be a string;
- **mandatory** is a boolean. A field marked as mandatory should be correctly filled in the form before the user will be able to submit the form; a field which is not mandatory will be ignored if empty. The 'query' node is the only one which IATE considers always mandatory. If the field is not mandatory and nothing is selected by the user, the field is ignored (the search runs in all the available values);
- **available_values** is present only for fields of type 'singlechoice' or 'multichoice'. It can be either an array of strings, e.g. ['it', 'fr', 'mul'] if you want that in the selector the code and the value shown to the user are the same, or an array of objects: {code: 'value code as per inventory', value: 'label for the value'}. Passing an array of objects allows you to specify a label for each value, e.g. [{code: 'it', value: 'Italian'}, {code: 'fr', value: 'French'}];
- **type** is a string, it accepts three values: a field can be 'text', 'singlechoice' or 'multichoice'. Some fields (e.g. the 'query' node) can only be 'text', others can be either 'singlechoice' or 'multichoice'.

Below you have a list of the nodes you can include in your form configuration and their specificities. You can remove from your configuration the nodes that you are not going to use.

- **Query** is the text the user is searching for



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- the **default** node for query is always a string (e.g. " or 'European Union'). If you do not want to have the field prepopulated, then you can provide an empty string (");
 - **mandatory** should be 'true' for the query unless you have a default value for this field and the user cannot change it (and then 'visible' should be 'false');
 - **type** for the query field has to be 'text';
- **sourceLanguages** is the list of source languages you are searching in:
 - as IATE does not allow anonymous users to search in more than one language, the **type** for this field has to be set to 'singlechoice';
 - the **default** node is a string which can contain only one language code, e.g. 'it'. A link to the list of accepted language codes can be found at the end of the document;
 - **available_values** is an array of language codes that you want to be selectable, e.g. ['cs', 'it', 'mt'] or [{code: 'it', value: 'Italian'}, {code: 'fr', value: 'French'}]. If the parameter **available_values** is missing, the full list of EU languages is shown to the user;
- **targetLanguages** is the list of target languages that should be present in the results:
 - the **type** for this field can be set to 'singlechoice' or 'multichoice'. You can decide if the user will be able to select only one target language or more than one;
 - the **default** node is a string which can contain only one language code, e.g. 'it', if the type of this field is 'singlechoice', or an array of one or more language codes if you allow multiple choices (e.g. ['en', 'bg']). A link to the list of accepted language codes can be found at the end of the document;
 - **available_values** is an array of language codes that you want to be selectable, as per the previous node;
- **matching** is the matching type applied to your query:
 - the **type** of this field can only be 'singlechoice';
 - the **default** is a number, matching the code of the type you want to use;
 - if you do not specify any **available_values** the widget will load all the available values from IATE. If you want to offer only a subset of matching types you can pass a list of objects, e.g. `available_values: [{ code: 3, name: 'Exact match' }, { code: 1, name: 'All words' }]`. The list of matching options is present at the end of the file;
- **termType** is the matching type applied to your query:
 - the **type** of this field can be 'singlechoice' or 'multichoice';



- the **default** is a number if the type is 'singlechoice' and matches the code of the type you want to use, or an array of numbers if 'multichoice';
 - if you do not specify any **available_values** the widget will load all the available values from IATE. If you want to offer only a subset of matching types you can pass a list of objects E.G. available_values: [{ code: 1, name: 'Formula' }, { code: 2, name: 'Phrase' }]. The list of term_types is present at the end of the file;
- **collections** allows you to restrict your search scope to one or more collections:
 - the **type** of this field can be 'singlechoice' or 'multichoice';
 - the **default** is a string with the collection code if the type is 'singlechoice' or an array of collection codes if 'multichoice';
 - **available values** should always be specified for this node, the widget will not prepopulate the field if no data are provided in the form of an array of objects with this structure: [{ code: collection1code" , name: 'collection1name'}, { code: collection2code" , name: 'collection2name'}]. At the end of the file it is explained where to obtain the collection codes;
- **primarity** allows you to search only in primary entries (entries of a higher quality), not primary entries or both:
 - the **type** of this field can be 'singlechoice' or 'multichoice';
 - the **default** is a number if the type is 'singlechoice' and matches the code of the primarity option you want to use, or an array of numbers if 'multichoice';
 - there are only two values in **available values**: { code: 0, name: 'Not primary' }, { code: 1, name: 'Primary' }. You can specify them explicitly or unset it to load them automatically;
- **owner** allows you to restrict your search to data owned by a specific IATE partner:
 - the **type** of this field can be 'singlechoice' or 'multichoice';
 - the **default** is a string with the owner code if the type is 'singlechoice' or an array of owner codes as string if 'multichoice';
 - you can unset the **available values** to load the full list of owners or decide which owners to display passing a list of code/names, e.g. { code: 'C675A92E415A4D828CD1DD8E96159614', name: 'CdT' }, { code: '95C369D8146F4E92BC3E00566C278F8D', name: 'COM' }. The list of owners is available at the end of the file;
- **reliability_sl** and **reliability_tl** will allow users to search results matching a specific reliability combination:
 - the **type** of this field can be 'singlechoice' or 'multichoice';



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- the **default** is a number if the type is 'singlechoice' and matches the code of the reliability you want to use, or an array of numbers if 'multichoice';
- **available values** can be removed if you want to load all the possible options. Alternatively, you can pass code-name pairs for the options you want to allow e.g. [{ code: 0, name: '☆' }, { code: 1, name: '★' }].

3.2.3 Results page configuration

The parameter **compact** is a boolean parameter which can be used to switch between the two available results layouts. If 'true', the results page will be rendered with a layout similar to the standard IATE results page (data in the main fields can be displayed on mouse over). If 'false', it will be rendered in a 'glossary' view, with the main fields expanded.

The other flags control whether a particular field is shown or not in the results, and the name of the field rendered by the plugin (for internationalisation):

- show_term_ref: term reference is shown or not,
- term_ref_label: name given to the term reference,
- show_definition: definition is shown or not,
- definition_label: name given to the definition,
- show_definition_ref: definition references are shown or not,
- definition_ref_label: name given to the definition references,
- show_ll_note: language level note is shown or not,
- ll_note_label: name given to the language level note,
- show_ll_note_ref: language level note reference is shown or not,
- ll_note_ref_label: name given to the language level note reference,
- show_tl_note: term level note is shown or not,
- tl_note_label: name given to the term level note,
- show_tl_note_ref: term note reference is shown or not,
- tl_note_ref_label: language given to the term note reference,
- show_context: context is shown or not,
- context_label: name given to the context,
- show_context_ref: context reference is shown or not,
- context_ref_label: name given to the context reference,
- show_domains: domains of the entry are shown or not,
- domains_label: name given to the domains,
- show_reliability: reliability is shown or not,
- reliability_label: name given to the reliability,
- show_lifecycle: lifecycle is shown or not,



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- lifecycle_label: name given to the lifecycle,
- show_origin: origin is shown or not,
- origin_label: name given to the origin,
- show_language_usage: language usage is shown or not,
- language_usage_label: name given to the language usage,
- show_language_usage_ref: language usage references are shown or not,
- language_usage_ref_label: name given to the language usage reference,
- show_regional_usage: regional usage is shown or not,
- regional_usage_label: name given to the regional usage,
- show_regional_usage_ref: regional usage references are shown or not,
- regional_usage_ref_label: name given to the regional usage reference.

It is not necessary to specify, in the hitlist node, all the parameters. You can configure all the fields or a subset of them. In case a parameter is not present in your configuration, the default values will be applied for the missing ones:

```
hitlist: {  
  compact: true,  
  show_term_ref: true,  
  term_ref_label: "Term reference",  
  show_definition: true,  
  definition_label: "Definition",  
  show_definition_ref: true,  
  definition_ref_label: "Definition reference",  
  show_ll_note: true,  
  ll_note_label: "Language note",  
  show_ll_note_ref: true,  
  ll_note_ref_label: "Language note reference",  
  show_tl_note: true,  
  tl_note_label: "Term note",  
  show_tl_note_ref: true,  
  tl_note_ref_label: "Term note reference",  
  show_context: true,  
  context_label: "Context",  
  show_context_ref: true,  
  context_ref_label: "Context reference",  
  show_domains: true,  
  domains_label: "Domains",  
  show_reliability: true,  
  reliability_label: "Reliability",  
}
```



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```
show_lifecycle: true,  
lifecycle_label: "Lifecycle",  
show_origin: true,  
origin_label: "Origin",  
show_language_usage: false,  
language_usage_label: "Language usage",  
show_language_usage_ref: false,  
language_usage_ref_label: "Language usage reference",  
show_regional_usage: false,  
regional_usage_label: "Regional usage",  
show_regional_usage_ref: false,  
regional_usage_ref_label: "Regional usage reference",  
},
```

If the whole hitlist node is omitted from your configuration, the default values will be applied as well.

For more information about the IATE fields you can consult the page [IATE Data fields explained](#), the section 'Discover more' in the page [IATE for developers](#), or the [IATE User's Handbook](#).

4. Sample templates

You can download the [IATE search widget templates](#) to get an overview of different configurations available for the widget which you can open locally and that you can copy 'as is' in your website.

There are different configurations available covering various usage scenarios:

Basic setup

- `default_template_basic.html` shows how to install the widget in a page with no custom configuration. The default configuration will be applied. The form contains just the query field and the source and target language selectors. If the user launches a search without selecting any languages, a search from English into English, French and German is launched;
- `full_template.html` gives an overview on all the filters available in the widget. The code contains comments which will help you writing your own custom configuration.



Standard search configurations

- `basic_search.html` will render the widget as a simple search form with only the query field, the source and target languages selectors and the three most common matching options;
- `advanced_search.html` renders the widget with an advanced form including the more commonly used filters;
- `search_in_multiple_collections.html` shows how to use the widget to search only in predefined collections. In this example, the source and target selectors are also restricted to some predefined values. When using this template, it is important to replace the collection codes with the codes of the collections you want to use (as described in page 9), and to define the appropriate source and target languages (as described in page 8);
- `query_only.html` will render the widget with only the query field available. It will provide results in English only.

Non-interactive configurations

- `show_one_entry_by_ID.html` shows how to use the widget to render the current version of a specific IATE entry. You can change the entry shown by changing the query default parameter;
- `show_three_entries_by_ID.html` is similar to the previous example but used to show multiple entries;
- `show_three_entries_by_ID_as_glossary.html` is a copy of `show_three_entries_by_ID.html` showcasing the alternative glossary-style layout.
- `show_full_collection.html` shows how to use the widget to render the latest version of a collection. When using this configuration, it is important to change the target languages in the configuration with the ISO codes of the languages you want to be displayed, and the collection code. You might need to adapt the number of results as well;

The template files contain comments in their source code which will guide you in the installation and configuration of the widget.

5. Accepted values and IATE codes

5.1 Language codes

The list of **language codes** can be found at the following URL: <https://iate.europa.eu/em-api/inventories/languages?body=true&expand=true&offset=0&limit=999>



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The default languages of the plugin are the EU official languages + Latin and MUL (MUL is used for codes or signs that are language-independent). Those languages are marked in the inventories file as 'is_official':true.

Additionally, some specific non-EU languages are also available and can be added with a manual configuration. The list can be found here: https://iate.europa.eu/em-api/policy/search/all_open_non_eu_languages

5.2 Matching types

These are the **matching types** supported by the widget:

- (3) Exact match
- (2) Exact string
- (1) All words
- (5) Partial string

5.3 Term types

These are the accepted values for **term types**:

- (0) abbrev
- (1) formula
- (2) phrase
- (3) short form
- (4) term

Note that deprecated term types should not be used in the widget.

5.4 Collection codes

To get a **collection** code, you need to log in into IATE. Under the 'Management' menu, open the collections page. Search for the collection you need and click on its name (in orange in the example below):



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This will take you to the search by collection page. You can copy the collection code from the page URL:

Note: it should be noted that **only not confidential collections** can be used in the IATE search widget.

5.5 Owners

These are the codes for **owners**:

- CdT: C675A92E415A4D828CD1DD8E96159614
- CJEU: 0B823276DD9A4C9B81EB52E37802F73E
- COM: 95C369D8146F4E92BC3E00566C278F8D
- Consilium: 8BA9662AF9D04F069072CB5230E3AFA0
- ECA: 033CD4DB22AA46D689F1E3ED7B662BA2
- ECB: C3D17507687947ECA5AECD187078C808
- EESC/COR: 4C69384E97BA4EF28D5D5E7EB2F2EC6D
- EIB: 89E82BCF6EDC4E7BA9077C492B824B4B



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- EP: E55D73B90BAF42DFBB03809BEBBD11E6
- SCIC (COM): 6DC3CB73919E443588D0029920AC83FF
- ACER: 8FF84BD3976B45248600551F558BEEAC
- CEDEFOP: 477D78DA7D4640649D4D7183EA95336B
- CEPOL: 5D33BD06CB1E472DBD1957EF64DDD950
- CoR: EBDA1E0BF9744A65987DE34434835B7A
- CPVO: 24AFA33581E5485C943ACA0E48550712
- EASA: 80C9DD25451140F9ABA6756CC31C1F92
- EBA: FCCB1FABF2114911B7EE085C1D215886
- ECDC: 6881F8E54CE54ECA97DFB5E08F7BF359
- ECHA: CC2348C4508C464BADECDC0063EBBEC7
- EDA: 4160EBFD3A6041D3A5260F53C67231C4
- EDPS: 236285131A804EC18E62F537B25AC076
- EEA: 349238033F2A4C6EB56313EFB1D5DE57
- EFSA: D37415A836504C6090DEAC6B2C501158
- EIGE: 47514F46AA5741188AC9F82FBA75C9FA
- EIOPA: BA3DDB760980461FB7E446498B1F3DCD
- ELA: E8C2E449BC244E989C102D382B67DBF3
- EMA: 9C727756FCD74DAB922D92840DD7C10A
- EMCDDA: 1733E7DC08B3418281F1DBF883D76917
- EMSA: D22F6B9F9EEE4B13A807A6E75B99EAF
- ERA: BABE5E63E82C4521A6D8ECC052DAFC36
- ESMA: 7F3FA078B9A44CB5B2B379958C3F3E79
- ETF: 9A8C0715483D486B8CF1774A001B78BA
- EU-OSHA: 3907A10463614C7DA6E1F02319363377
- EUAA: 4D0DFC9E118E4156B21138FED0DCFE7D
- EUIPO: D283CE840B0344218C8D268378674903
- Eurofound: 552CBADE0DFC47B498F23913E18B4B5C
- Eurojust: 265ADCCEBFD142E48E06B7ED18FB66BB
- Europol: 6EA6D0C66DAC4BBD9AD5CBC2294D76D1
- FRA: 646060F954B14CC5B60BA8642BA13E13
- FRONTX: 493FD5A5EA314301845923715797A5F7
- MAOC-N: 632057FADA904BC187ED450100FB972A
- Ombudsman: A555A7405D8F4034AA0D6FE344CD0E95

The full list of **owners** can be loaded at

<https://iate.europa.eu/uac-api/institutions/tree?expand=true&offset=0&limit=1000>



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