

[beta.arasaac.org](https://beta.arasaac.org)

# AAC Symbols and shared resources

Authorize

8-9 minutes

## pictograms

### ARASAAC pictograms

Obtain all pictograms data. The pictogram image url is composed based on the id field and the required resolution (300px, 500px or 2500px). For example, for pictogram with id 2350 and resolution 2500px would be [https://static.arasaac.org/pictograms/2340/2340\\_2500.png](https://static.arasaac.org/pictograms/2340/2340_2500.png)

Name	Description
language * string (path)	Languages than we currently use for pictograms searches.  <i>Available values</i> : an, ar, bg, br, ca, cs, da, de, el, en, es, et, eu, fa, fr, gl, he, hr, hu, it, ko, lt, lv, mk, nb, nl, pl, pt, ro, ru, sk, sq, sv, sr, tr, val, uk, zh

Code	Description	Links
200	Success	<i>No links</i>
500	Error generating pictograms data <ul style="list-style-type: none"><li>Example Value</li></ul>	<i>No links</i>

Code	Description	Links
	<ul style="list-style-type: none"><li>Model<pre>{   "message": "string",   "err": "string" }</pre></li></ul>	

Obtain pictogram image file in png format based on its key.

Pictogram can be customized with color, resolution, plural...

Name	Description
idPictogram * integer (path)	Pictogram identifier
plural boolean (query)	Pictogram in singular or with plural symbol. It should only be applied to pictograms that represent a noun.
color boolean (query)	Pictogram in color (default value) or in black and white.
backgroundColor string (query)	Hexadecimal value to set the background color of the pictogram. The pictograms are transparent by default (value 'none').
action string	Add an extra symbol for indicating a past or future status. It should only be applied to pictograms that represent an action or a

Name	Description
(query)	verb. <i>Available values</i> : future, past
resolution integer (query)	Pictogram resolution. 500px by default. <i>Available values</i> : 500, 2500
skin string (query)	Usefull for pictograms with people. Customize its skin <i>Available values</i> : white, black, assian, mulatto, aztec
hair string (query)	Usefull for pictograms with people. Customize its hair. <i>Available values</i> : blonde, brown, darkBrown, gray, darkGray, red, black
url boolean (query)	Get pictogram url or binary data (default value)
download boolean (query)	Defines if the pictogram response will be render in the browser or saved as a file (sets header Content Disposition as attachment). Only applies if url parameter is binary data. <i>Default value</i> : false
identifier string	Classify the type of pictogram <i>Available values</i> : classroom, health, library,

Name	Description
(query)	office
identifierPosition string (query)	Identity position. Only applies if an identifier has been provided.  <i>Available values</i> : left, right

Code	Description	Links
200	Pictogram image file in PNG formats  Controls Accept header. <ul style="list-style-type: none"><li>• Example Value</li><li>• Model</li></ul> string	<i>No links</i>
500	Error generating PNG file <ul style="list-style-type: none"><li>• Example Value</li><li>• Model</li></ul> <pre>{   "message": "string",   "err": "string" }</pre>	<i>No links</i>

Obtain pictogram data based on its key (idPictogram). The pictogram image url can be generated based on pictogram key value and the desired resolution (300px, 500px or 2500px). For example [https://static.arasaac.org/pictograms/2340/2340\\_2500.png](https://static.arasaac.org/pictograms/2340/2340_2500.png) for pictogram with key 2350 and resolution 2500px.

Name	Description
language * string (path)	Languages than we currently use for pictograms searches.  <i>Available values</i> : an, ar, bg, br, ca, cs, da, de, el, en, es, et, eu, fa, fr, gl, he, hr, hu, it, ko, lt, lv, mk, nb, nl, pl, pt, ro, ru, sk, sq, sv, sr, tr, val, uk, zh
idPictogram * integer (path)	Pictogram identifier

Code	Description	Links
200	Success	<i>No links</i>
500	Error generating pictograms data <ul style="list-style-type: none"><li>• Example Value</li><li>• Model</li></ul> <pre>{   "message": "string",   "err": "string" }</pre>	<i>No links</i>

Obtain a list of pictograms based on the searchText. The pictogram url can be generated based on pictogram id value and the desired resolution (300px, 500px or 2500px). There are some variations available for each pictogram using filename parameters (see below). You can see them in use and some more (available using API endpoint *GET /pictograms/{idPictogram}*) at <https://arasaac.org/pictograms/en/2349>

## Filename parameters

- *action* for verbal tense (*past, future*)
- *hair* for hair color (brown *A65E26*, blonde *FDD700*, red *ED4120*, black *020100*, gray *EFEFEF*, darkGray *AAABAB*, darkBrown *6A2703*)
- *skin* for skin color (white *F5E5DE*, black *A65C17*, assian *F4ECAD*, mulatto *E3AB72*, aztec *CF9D7C*)
- *plural*
- *nocolor*

## Examples

- [https://static.arasaac.org/pictograms/2349/2349\\_2500.png](https://static.arasaac.org/pictograms/2349/2349_2500.png)
- [https://static.arasaac.org/pictograms/2349/2349\\_action-past\\_300.png](https://static.arasaac.org/pictograms/2349/2349_action-past_300.png)
- [https://static.arasaac.org/pictograms/2349/2349\\_nocolor\\_action-past\\_500.png](https://static.arasaac.org/pictograms/2349/2349_nocolor_action-past_500.png)
- [https://static.arasaac.org/pictograms/2349/2349\\_plural\\_nocolor\\_500.png](https://static.arasaac.org/pictograms/2349/2349_plural_nocolor_500.png)
- [https://static.arasaac.org/pictograms/2349/2349\\_action-past\\_hair-FDD700\\_500.png](https://static.arasaac.org/pictograms/2349/2349_action-past_hair-FDD700_500.png)
- [https://static.arasaac.org/pictograms/2349/2349\\_action-future\\_hair-020100\\_skin-A65C17\\_500.png](https://static.arasaac.org/pictograms/2349/2349_action-future_hair-020100_skin-A65C17_500.png)

Name	Description
language * string (path)	Languages than we currently use for pictograms searches.  <i>Available values</i> : an, ar, bg, br, ca, cs, da, de, el, en, es, et, eu, fa, fr, gl, he, hr, hu, it, ko, lt, lv, mk, nb, nl, pl, pt, ro, ru, sk, sq, sv, sr, tr, val, uk, zh

Name	Description
searchText * string (path)	Keywords for searches. By default, it makes an OR search on all the specified keywords. In case you would like to perform an exact phrase search (logical AND), you can do so by specifying double quotes in the search text. Prefixing a search keyword with – (minus sign) excludes all the documents that contain the negated term.

Code	Description	Links
200	<p>Success</p> <p>Controls Accept header.</p> <ul style="list-style-type: none"><li>• Example Value</li><li>• Model</li></ul> <pre>[   {     "_id": 0,     "keywords": [       {         "idKeyword": 0,         "keyword": "string",         "plural": "string",         "idLocution": "string",         "meaning": "string",         "type": 0,         "lse": 0       }     ],     "schematic": true,</pre>	<i>No links</i>

Code	Description	Links
	<pre>"sex": true, "violence": true, "created": "2025-04-24T15:46:04.635Z", "lastUpdated": "2025-04-24T15:46:04.635Z", "downloads": 0, "categories": [   "string" ], "synsets": [   "string" ], "tags": [   "string" ], "desc": "string" } ]</pre>	
500	<p>Error</p> <ul style="list-style-type: none"><li>• Example Value</li><li>• Model</li></ul> <pre>{   "message": "string",   "err": "string" }</pre>	<i>No links</i>

Obtain a list of pictograms based on the Wordnet identifier (synset). Wordnet version must be provided.

Name	Description
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Name	Description
language * string (path)	Languages than we currently use for pictograms searches.  <i>Available values</i> : an, ar, bg, br, ca, cs, da, de, el, en, es, et, eu, fa, fr, gl, he, hr, hu, it, ko, lt, lv, mk, nb, nl, pl, pt, ro, ru, sk, sq, sv, sr, tr, val, uk, zh
wordnet * string (path)	Wordnet version.  <i>Available values</i> : 1.5, 1.6, 1.7, 1.7.1, 2.0, 2.1, 3.0, 3.1
synset * string (path)	Wordnet identifier (synset).

Code	Description	Links
200	<p>Success</p> <p>Controls Accept header.</p> <ul style="list-style-type: none"><li>• Example Value</li><li>• Model</li></ul> <pre>[   {     "_id": 0,     "keywords": [       {         "idKeyword": 0,         "keyword": "string",         "plural": "string",</pre>	<i>No links</i>

Code	Description	Links
	<pre>"idLocution": "string", "meaning": "string", "type": 0, "lse": 0 } ], "schematic": true, "sex": true, "violence": true, "created": "2025-04-24T15:46:04.649Z", "lastUpdated": "2025-04-24T15:46:04.649Z", "downloads": 0, "categories": [   "string" ], "synsets": [   "string" ], "tags": [   "string" ], "desc": "string" } ]</pre>	
500	<p>Error</p> <ul style="list-style-type: none"><li>• Example Value</li><li>• Model</li></ul> <pre>{   "message": "string",</pre>	<i>No links</i>

Code	Description	Links
	"err": "string" }	

## materials

Documents related to ARASAAC usage, uploaded by ARASAAC users

## phrases

Natural language analysis about user searches or selections

## Models

Locales

ErrorResponse{

KeywordsResponse{

locale	LocalesstringEnum: Array [ 38 ]
words	[...]

}

PhraseResponse{

UserProfileResponse

Material

Materials

GetMaterialResponse

Keyword{

idKeyword	integer
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keyword	string
plural	string
idLocution	string
meaning	string
type	integer
lse	integer

}

Pictogram{

_id	integer
keywords	[...]
schematic	boolean
sex	boolean
violence	boolean
created	string(\$date-time)
lastUpdated	string(\$date-time)
downloads	integer
categories	[...]
synsets	[...]
tags	[...]
desc	string

}

Pictograms[#/components/schemas/PictogramPictograms{

_id	integer
keywords	[...]
schematic	boolean
sex	boolean
violence	boolean
created	string(\$date-time)
lastUpdated	string(\$date-time)
downloads	integer
categories	[...]
synsets	[...]
tags	[...]
desc	string

}]