OAuth 2.0 Authentication

Description

Request a **Bearer** token for OAuth authentication.

Resource URL

POST **/oauth/token**

Headers

name	type	description	example
Authorization	string	Your Api key and secret, encoded. <u>See below for more info</u>.	`Basic your_base64_credentials`
Content-Type	string	Request content type	`application/x-www-form-urlencoded;charset=UTF-8`

Encoding your authorization header:

1. URL encode your API key and secret according to RFC 1738
2. Concatenate the encoded API key, a colon character ":", and the secret into a single string
3. Base64 encode the string from the previous step

For example, if your API key is "abc" and your secret "123", the `base64("abc:123")` is `YWJjOjEyMw==`

So, your Authorization header should contain:

`Basic YWJjOjEyMw==`

Parameters

This call accepts the following parameters, `x-www-form-urlencoded`:

name	type	description	notes
grant_type	string	Value: `client_credentials`	
scope	string	Values: `read` or `write`	This field is optional.

Response

name	type	description	notes
access_token	string	Your **Bearer** token	
token_type	string		
expires_in	number	Number of seconds until token expires	
scope	string	Token scope	

Example:

JSON response

```
{
    "access_token": "your_token",
    "token_type": "bearer",
    "expires_in": 43199,
    "scope": "read"
}
```

Errors

Status code	error	error description	meaning
401	unauthorized	Full authentication is required to access this resource	You are probably missing the **Authorization** header, or its format is not correct (It should start with `Basic`)
401	unauthorized	Bad credentials	Your Authorization header format is correct, but the base64 of your apikey and secret is wrong
400	invalid_request	Missing grant type	The parameter **grant_type** is missing

Example:

JSON response

```
{
    "error": "unauthorized",
    "error_description": "Full authentication is required to access this resource"
}
```

Complete request example

CURL

```
curl -X POST -H "Authorization: Basic YWJjOjEyMw==" -H "Content-Type:
application/x-www-form-urlencoded" -d 'grant_type=client_credentials&scope=read'
"https://api.idealista.com/oauth/token" -k
```

HTTP

```
POST /oauth/token HTTP/1.1
Host: api.idealista.com
Authorization: Basic YWJjOjEyMw==
Content-Type: application/x-www-form-urlencoded

grant_type=client_credentials&scope=read
```

Note: Replace `YWJjOjEyMw==` with your encoded credentials, as explained in the Headers section above.