

REST API Tutorials

The REST API v2 introduced in eZ Publish 5 allows you to interact with an eZ Platform installation using the HTTP protocol, following a [REST](#) interaction model.

Accessing the REST API

The REST API is available at the URI `/api/ezp/v2`. HTTPS is available as long as your server is properly configured. Refer to the [Getting started](#) page to start using the API.

Basics

REST (**RE**presentational **S**tate **T**ransfer) is a web services architecture that follows the HTTP Protocol very closely. The eZ Platform REST API supports both [JSON](#) and [XML](#) in terms of request format.

Resources

The API provides a set of URIs, each of them identifying and providing access to [operations](#) on a certain [resource](#). For instance, the URI `/content/objects/59` will allow you to interact with the Content with ID 59, while `/content/types/1` will allow you to interact with the Content Type with ID 1.

HTTP verbs

It uses HTTP verbs (`GET`, `POST`, but also `PUT`, `DELETE`, etc...), as well as HTTP headers to specify the type of request. Depending on the used HTTP verb, different actions will be possible. Example:

- `GET /content/objects/2` will provide you with data about Content #2,
- `PATCH /content/objects/2` will update the Content #2's metadata (section, main language, main location...),
- `DELETE /content/objects/2` will delete Content #2,
- `COPY /content/objects/2` will create a copy of this Content.

Caution with custom HTTP verbs

Using custom HTTP verbs, those besides the standard (`GET`, `POST`, `PUT`, `DELETE`, `OPTIONS`, `TRACE`), can cause issues with several HTTP proxies, network firewall/security solutions and simpler web servers. To avoid issues with this REST API allows you to set these using a HTTP header instead using HTTP verb `POST`. Example: `X-HTTP-Method-Override: PUBLISH`

Media type headers

On top of verbs, HTTP request headers will allow you to personalize the request's behavior. On every resource, you can use the `Accept` header to indicate which format you want to communicate in, `JSON` or `XML`. This header is also used to specify the response type you want the server to send when multiple ones are available.

- `Accept: application/vnd.ez.api.Content+xml` to get **Content** (full data, fields included) as **XML**
- `Accept: application/vnd.ez.api.ContentInfo+json` to get **ContentInfo** (metadata only) as **JSON**

More information

[REST specifications chapter "Media Types"](#)

Other headers

Other headers will be used in HTTP requests for specifying the site access to interact with, and of course [authentication credentials](#).

Responses returned by the API will also use custom headers to indicate information about the executed operation.

See also

- [REST API reference](#)
- [Getting started with the REST API](#)
- [REST \(*Glossary*\)](#)