

# REST API

REST (Representational State Transfer) is an architectural style for designing networked applications. A REST API is an application programming interface that follows REST principles and typically uses HTTP for communication.

REST was introduced by Roy Fielding in 2000 in his doctoral dissertation. It is not a strict protocol like JSON-RPC, but rather a set of architectural constraints.

REST is resource-oriented, which means the system is organized around resources instead of procedures. A resource can represent any entity, such as a user, product, order, or document. Each resource is identified by a unique URL.

For example:

```
GET /users/15 GET /products/42
```

In REST, the client does not call functions explicitly. Instead, it performs operations on resources using standard HTTP methods.

From:

<https://edu.iit.uni-miskolc.hu/> - **Institute of Information Science - University of Miskolc**

Permanent link:

[https://edu.iit.uni-miskolc.hu/tanszek:oktatas:iss\\_t:rest\\_api?rev=1772385302](https://edu.iit.uni-miskolc.hu/tanszek:oktatas:iss_t:rest_api?rev=1772385302)

Last update: **2026/03/01 17:15**

