

# JSON-RPC

## 1. Introduction

JSON-RPC (JavaScript Object Notation – Remote Procedure Call) is a lightweight remote procedure call protocol that uses JSON for encoding messages. It allows a client to call functions (methods) on a remote server as if they were local functions.

Unlike REST, which is resource-oriented, JSON-RPC is procedure-oriented: the client explicitly calls a named method and passes parameters.

JSON-RPC is:

- transport-independent (commonly used over HTTP, WebSocket, TCP)
- stateless
- lightweight
- simple to implement
- language-independent

The current widely used version is JSON-RPC 2.0. <https://www.jsonrpc.org/specification>

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:json-rpc?rev=1772384300](https://edu.iit.uni-miskolc.hu/tanszek:oktatas:iss_t:json-rpc?rev=1772384300)

Last update: **2026/03/01 16:58**

