

JSON schema

✱ JSON Schema contains the format to define the structure of JSON data. It includes

- ✓ Description for the **existing data**.
- ✓ A clear documentation in human- and machine-readable form.
- ✓ Automated testing which is made possible via **structural and data validations**.
- ✓ Hyperlinks that are **inserted into the JSON data** and
- ✓ An **interaction control for JSON data**.

JSON Schema Validation Libraries:

JSON Schema Validator (JSV) is as follows:

Languages	Libraries
C	WJElement (LGPLv3)
Java	json-schema-validator (LGPLv3)
.NET	Json.NET (MIT)
ActionScript 3	Frigga (MIT)
Haskell	aeson-schema (MIT)

Python	Jschema
Ruby	autoparse (ASL 2.0); ruby-jschema (MIT)
PHP	php-json-schema (MIT). json-schema (Berkeley)
JavaScript	Orderly (BSD); JSV; json-schema; Matic (MIT); Dojo; Persevere (modified BSD or AFL 2.0); schema.js.

Existing JSON Schemas:

Schema Type	Explanation
Core Meta-Schema	Contains definition for type/validation of Schemas.
Hyper Meta-Schema	Contains link definitions.
Referencing Schema	Contains generic linking used by meta-schemas.
Schema Interfaces	Contains class-style method interfaces for meta-schema.
Geographic Coordinate Card	Contains an exhaustive picture of a person, company, organization or place.
Calendar	Contains detailed depiction of an event.
Address	Contains thorough illustration of an address.