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[Star on GitHub](https://github.com/json-schema-org/json-schema-spec)

### 190 Tools

# 190

Tools

Language

.NETCC#C++ClojureCoffeeScriptCommon

LispDartDelphiElixirElmErlangGoHaskellHelmJavaJavascriptJavaScriptJuliaKotlinLua/LuaJITObjecti  
ve-

COpenAPIOrderlyPerlPHPPostgreSQLProtocol

BuffersPythonRAMLRubyRustScalaSwiftTypescriptTypeScriptXSD

Tooling Type

AnnotationsBenchmarksBundlerCode To SchemaData To

SchemaDocumentationEditorEditor PluginsHyper SchemaLDO UtilityLinterLinter

PluginsModel To SchemaSchema RepositorySchema To CodeSchema To DataSchema To

TypesSchema To Web UIUtil Draft MigrationUtil Format ConversionUtil General

ProcessingUtil Schema To SchemaUtil TestingValidator

Environment

COM/ActiveXCommand LineEmbedded platformGithub

ActionsiOSLinuxmacOSMacOSMicrosoft WindowstvOSvisionOSwatchOSWeb

(Online)Windows

Dialect

2020-122019-097654

License

(MIT AND Apache-2.0)AFL-2.1 OR BSD-3-ClauseAGPL-3.0AGPL-3.0 and

CommercialAGPL-3.0-onlyApache-2.0Artistic-2.0BSD-2-ClauseBSD-3-ClauseBSL-1.0CC0-1.0EPL-

1.0GPL-1.0+

OR Artistic-1.0GPL-2.0GPL-3.0GPL-3.0-onlyISCLGPL 2.1 or

laterLGPL-2.1LGPL-2.1-onlyLGPL-3.0MITMPL-2.0Ms-

PLPostgreSQLProprietaryProprietary and Freeware

Show obsolete

Apply FiltersClear Filters

# JSON Schema Tooling

Toolings below are written in different languages, and support part, or all,  
of at least one recent version of the specification.

Listing does not signify a recommendation or endorsement of any kind.

[[adding your  
tool]](/img/tools/adding\_your\_tool.png)]([https://github.com/json-schema-  
org/website/issues/new?assignees=&labels=Status%3A+Triage&template=adding-  
your-tooling.yml](https://github.com/json-schema-org/website/issues/new?assignees=&labels=Status%3A+Triage&template=adding-your-tooling.yml))

Raise an issue to get your tool added or updated in the tooling table.

[[try bowtie]](/img/tools/try\_bowtie.png)](<https://bowtie.report>)

Bowtie is a meta-validator for JSON Schema implementations and it provides  
compliance reports.

GROUP BY:NoneTooling TypeLanguage

## Validator

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

@cfworker/json-schema| JavaScript| 472019-092020-12| MIT|

@exodus/schemasafe| JavaScript| 4672019-092020-12| MIT|

@hyperjump/json-schema| JavaScript| 4672019-092020-12| MIT|

@imhonglu/json-schema| TypeScript| 2020-12| MIT|

ajv| JavaScript| 4672019-092020-12| MIT|

ajv-cli| | 4672019-092020-12| MIT|

Blaze| C++| 4672019-092020-12| AGPL-3.0 and Commercial|

boon| Rust| 4672019-092020-12| Apache-2.0|

Corvus.JsonSchema| .NET| 672019-092020-12| Apache-2.0|

cypress-ajv-schema-validator| JavaScript| 4672019-092020-12| MIT|

djv| JavaScript| 46| MIT|

DSJSONSchemaValidation| Objective-C| 467| MIT|

erosb/json-sKema| Java| 2020-12| MIT|

everit-org/json-schema| Java| 467| Apache-2.0|

Exonerate| Elixir| 467| MIT|

ExtendsClass's JSON Schema Validator| | 7| Proprietary|

f5-json-schema| C++| 7| BSL-1.0|

fastjsonschema| Python| 467| BSD-3-Clause|

gojsonschema| Go| 467| Apache-2.0|

Jaronuinga| Java| 4672019-092020-12| LGPL 2.1 or later|

jema.js| JavaScript| 2020-12| MIT|

JeSSE| Erlang| 346| Apache-2.0|

jinx| Clojure| 7| MIT|

jschon| Python| 2019-092020-12| MIT|

jschon.dev| | 2019-092020-12| MIT|

JSI| Ruby| 467| AGPL-3.0-only|

JSON Essentials for COM/ActiveX| | 7| Proprietary|

JSON Schema Library| JavaScript| 4672019-09| MIT|

JSON Schema Lint| | 123467| MIT|

JSON schema validation for JSON for Modern C++| C++| 7| MIT|

JSON Schema Validator| | 34672019-092020-12| AGPL-3.0-only|

json-everything| | 672019-092020-12| MIT|

json-kotlin-schema| Kotlin| 72019-09| MIT|

json-schema (dev.harrel)| Java| 72019-092020-12| MIT|

json-schema (fisxoj)| Common Lisp| 4672019-09| LGPL-2.1-only|

json-schema-validator| Kotlin| 7| MIT|

json-schema.hyperjump.io| | 4672019-092020-12| MIT|

JSON::Schema::Modern| Perl| 4672019-092020-12| GPL-1.0+ OR Artistic-1.0|

JSON::Schema::Tiny| Perl| 72019-092020-12| GPL-1.0+ OR Artistic-1.0|

JSON::Validator| Perl| 4672019-09| Artistic-2.0|

Json.NET Schema| .NET| 34672019-092020-12| AGPL-3.0-only|

jsoncons| C++| 4672019-092020-12| BSL-1.0|

jsonschema| Go| 2020-12| MIT|

jsonschema| Python| 34672019-092020-12| MIT|

jsonschema-rs| Rust| 4672019-092020-12| MIT|

jsonschema-rs (Python)| Python| 467| MIT|

JSONSchema::Validator| Perl| 467| MIT|

jsonschema.dev | 7 | MIT |

JSONSchema.jl | Julia | 467 | MIT |

JsonSchema.Net | .NET | 672019-092020-12 | MIT |

jsonschemafriend | Java | 34672019-092020-12 | Apache-2.0 |

JSONSchemer | Ruby | 4672019-092020-12 | MIT |

JsonXema | Elixir | 467 | MIT |

JSV | Elixir, Erlang | 72020-12 | MIT |

Justify | Java | 467 | Apache-2.0 |

justinrainbow/json-schema | PHP | 34 | MIT |

LateApexEarlySpeed.Json.Schema | .NET | 2020-12 | BSD-3-Clause |

Liquid JSON Schema Editor | C#, .NET | 4672019-092020-12 | Proprietary and Freeware |

lua-resty-jsonschema | Lua/LuaJIT | 467 | MIT |

luposlip/json-schema | Clojure | 467 | Apache-2.0 |

Medeia-validator | Kotlin, Java | 467 | Apache-2.0 |

networknet/json-schema-validator | Java | 4672019-092020-12 | Apache-2.0 |

OpenAPI JSON Schema Generator | Java, Kotlin, Python | 52020-12 | Apache-2.0 |

Opis Json Schema | PHP | 672019-092020-12 | Apache-2.0 |

Polyglottal JSON Schema Validator | | 46 | MIT |

qri-io/jsonschema | Go | 72019-09 | MIT |

Reactive Core Circe JSON Validator | Scala | 2019-092020-12 | Apache-2.0 |

santhosh-tekuri/jsonschema | Go | 4672019-092020-12 | Apache-2.0 |

Snow | Java | 672019-09 | AGPL-3.0-only |

Sourcemeta JSON Schema CLI | | 01234672019-092020-12 | AGPL-3.0 |

Swaggest Json Schema | PHP | 467 | MIT |

swift-json-schema | Swift | 2020-12 | MIT |

v8r | | 467 | MIT |

valbuddy| | 467| Proprietary|

Validate JSON Action| | 2019-092020-12| MIT|

Valijson| C++| 7| BSD-2-Clause|

Vert.x Json Schema| Java| 472019-092020-12| Apache-2.0|

vue-vuelidate-jsonschema| JavaScript| 6| MIT|

yajsv| | 467| MIT|

Zuunr JSON| Java| 2020-12| Apache-2.0|

## ## Annotations

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

@hyperjump/json-schema| JavaScript| 4672019-092020-12| MIT|

JsonSchema.Net| .NET| 672019-092020-12| MIT|

## ## Bundler

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

@hyperjump/json-schema| JavaScript| 4672019-092020-12| MIT|

JsonSchema.Net| .NET| 672019-092020-12| MIT|

Sourcemeta JSON Schema CLI| | 01234672019-092020-12| AGPL-3.0|

## ## Hyper Schema

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

Core API Hyper-Schema codec| Python| 4| BSD-2-Clause|

mokkabonna/json-hyper-schema| JavaScript| 7| MIT|

## ## Benchmarks

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

json-schema-validation-comparison| Java, Kotlin, Scala| 34672019-092020-12|

MIT|

php-json-schema-bench| PHP| 467| MIT|

## ## Documentation

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

@adobe/jsonschema2md| JavaScript| 2019-09| Apache-2.0|

@cloudflare/doca| JavaScript| 467| Apache-2.0|

docson| | 4| Apache-2.0|

docusaurus-json-schema-plugin| | 72019-092020-12| AGPL-3.0-only|

FastAPI| Python| | MIT|

json-schema-for-humans| Python| 7| Apache-2.0|

json-schema-static-docs| | 7| GPL-3.0-only|

jsonschema-markdown| | | MIT|

jsonschematic| | 7| MIT|

Liquid JSON Schema Editor| C#, .NET| 4672019-092020-12| Proprietary and

Freeware|

OpenAPI JSON Schema Generator| Java, Kotlin, Python| 52020-12| Apache-2.0|



Oxygen XSL JSON Tools| XSD| | |

wetzel| | 3472020-12| Apache-2.0|

## ## LDO Utility

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

@cloudflare/json-hyper-schema| JavaScript| 467| BSD-3-Clause|

## ## Code To Schema

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

drf-jjsonschema-serializer| Python| | BSD-3-Clause|

Json.NET Schema| .NET| 34672019-092020-12| AGPL-3.0-only|

jjsonschema| Go| 2020-12| MIT|

jjsonschema-generator| Java| 672019-092020-12| Apache-2.0|

JsonSchema.Net| .NET| 672019-092020-12| MIT|

LateApexEarlySpeed.Json.Schema| .NET| 2020-12| BSD-3-Clause|

Liform| PHP| | MIT|

mashumaro| Python| | Apache-2.0|

msgspec| Python| | BSD-3-Clause|

NJsonSchema| .NET| 4672019-092020-12| Ms-PL|

OpenAPI JSON Schema Generator| Java, Kotlin, Python| 52020-12| Apache-2.0|

Pydantic| Python| | MIT|

scala-jjsonschema| Scala| 4672019-092020-12| Apache-2.0|

Schemars| Rust| 7| MIT|

Shale| Ruby| 2020-12| MIT|

swift-json-schema| Swift| 2020-12| MIT|

typescript-json-schema| TypeScript| | BSD-3-Clause|

## ## Data To Schema

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

dadav/helm-schema| Helm| 7| MIT|

json-schema-inferrer| Java| 4672019-092020-12| Apache-2.0|

JSONoid| Scala| 2020-12| MIT|

jsonschema.net| | 4672019-09| Proprietary|

Liquid Online Tools| | 4| Proprietary|

luposlip/json-schema| Clojure| 467| Apache-2.0|

quicktype.io| TypeScript, C++, Go, Java, C#, Swift, JavaScript| 6|

Proprietary|

Schema Guru| Scala| 672019-092020-12| Apache-2.0|

## ## Model To Schema

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

Dataspecer| | 2020-12| Proprietary|

protoc-gen-jsonschema| Protocol Buffers| 4672019-092020-12| Apache-2.0|

swift-json-schema| Swift| 2020-12| MIT|

## ## Schema To Types

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

json-schema-to-ts| TypeScript| | MIT|

json-schema-to-typescript| TypeScript| | MIT|

## ## Schema To Code

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

Corvus.JsonSchema| .NET| 672019-092020-12| Apache-2.0|

go-jsonschema| Go| 2020-12| MIT|

json-kotlin-schema-codegen| Kotlin| | MIT|

json-schema-to-case-class| Scala| 34672019-09| MIT|

json-schema-to-elm| Elm| 7| MIT|

jsonCodeGen| Java| | MIT|

jsonschema2pojo| Java| 7| Apache-2.0|

jsonschematypes| Java, TypeScript| 34672019-09| Apache-2.0|

OpenAPI JSON Schema Generator| Java, Kotlin, Python| 52020-12| Apache-2.0|

php-code-builder| PHP| 7| MIT|

protoc-gen-jsonschema| Go| | MIT|

quicktype.io| TypeScript, C++, Go, Java, C#, Swift, JavaScript| 6|

Proprietary|

schemafy| Rust| 4| MIT|

Shale| Ruby| 2020-12| MIT|

statham| Python| | MIT|

yacg| Python| | MIT|

## ## Schema To Web UI

Name	Languages	Dialects	License	Bowtie
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AJSF (Angular JSON Schema Form)	JavaScript		MIT	
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Alpaca Forms	JavaScript		Apache-2.0	
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Angular Schema Form	JavaScript		MIT	
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Dashjoin JSON Schema Form	JavaScript	6	Apache-2.0	
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JSON Editor	JavaScript	34	MIT	
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JSON Form (joshfire)	JavaScript		MIT	
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Json Forms (brutusin)	JavaScript		MIT	
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JSON Schema Form Element	JavaScript		ISC	
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json-schema-form (Remote.com)	JavaScript		MIT	
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JSONForms (jsonforms.io)	JavaScript		MIT	
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Liform-React	JavaScript		MIT	
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Ngx Schema Form	JavaScript		MIT	
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React Json Schema Form (Mui)	JavaScript		MIT	
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React JSON Schema Form (RJSF-Team)	JavaScript		Apache-2.0	
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React Schema Form (networknt)	JavaScript		MIT	
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Restspace Schema Form	JavaScript		MIT	
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Stoplight JSON Schema Tree	Typescript	4	Apache-2.0	
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Stoplight JSON Schema Viewer	Typescript	4	Apache-2.0	
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Svelte JSON Schema Form	TypeScript	7	(MIT AND Apache-2.0)	
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UI Schema for React	JavaScript	4672019-09	MIT	
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vazco/uniforms	JavaScript		MIT	
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## ## Schema To Data

Name	Languages	Dialects	License	Bowtie
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hypothesis-jsonschema	Python	467	MPL-2.0	
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jsongenerator	Java	34672019-09	Apache-2.0	
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JsonSchema.Net	.NET	672019-092020-12	MIT	
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## ## Util General Processing

Name	Languages	Dialects	License	Bowtie
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@cloudflare/json-schema-walker	JavaScript	467	BSD-3-Clause	
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@hyperjump/json-schema	JavaScript	4672019-092020-12	MIT	
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JSON Toolkit	C++	01234672019-092020-12	AGPL-3.0 and Commercial	
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json-schema-library	JavaScript		MIT	
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json-schema-ref-parser	JavaScript		MIT	
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Sourcemeta JSON Schema CLI		01234672019-092020-12	AGPL-3.0	
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## ## Util Schema To Schema

Name	Languages	Dialects	License	Bowtie
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@cloudflare/json-schema-transform	JavaScript		BSD-3-Clause	
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json-schema-compare	JavaScript		MIT	
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JSON-Schema-Instantiator	JavaScript		MIT	
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json-schema-merge-allof	JavaScript		MIT	
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json-schema-resolve-allof| JavaScript| | |

## ## Util Draft Migration

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

AlterSchema| JavaScript| 4672019-092020-12| Apache-2.0|

## ## Util Format Conversion

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

@cloudflare/json-schema-apidoc-loader| JavaScript| 467| BSD-3-Clause|

@cloudflare/json-schema-ref-loader| JavaScript| | BSD-3-Clause|

JSON Schema to OpenAPI Schema| OpenAPI| 467| MIT|

OpenAPI specification to JSON Schema| OpenAPI| 7| MIT|

Orderly| Orderly| | BSD-3-Clause|

Oxygen XSL JSON Tools| XSD| | |

ramldt2jsonschema| RAML| 46| Apache-2.0|

XSD to JSON Schema IntelliJ Plugin| XSD| | |

## ## Util Testing

Name| Languages| Dialects| License| Bowtie

---|---|---|---|---

cypress-ajv-schema-validator| JavaScript| 4672019-092020-12| MIT|

hypothesis-jsonschema| Python| 467| MPL-2.0|

## ## Editor

Name	Languages	Dialects	License	Bowtie
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Altova XMLSpy 2019r3		67		
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Dashjoin JSON Schema editor		6		
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Eclipse IDE				
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Hackolade Studio		4672019-092020-12		
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JSON Schema Editor		2020-12		MIT
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JSONBuddy		4672019-092020-12		
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JSONEditor Online		467		
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Liquid JSON Schema Editor		4672019-09		
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Liquid JSON Schema Editor		C#, .NET		4672019-092020-12
Proprietary and Freeware				

Oxygen JSON Schema Editor		4672019-092020-12		
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Perseid Modeler		4672019-092020-12		
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Stoplight Studio		467		
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Visual Studio Code				
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WebStorm, IntelliJ IDEA, and other JetBrains IDEs		467		
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## ## Schema Repository

Name	Languages	Dialects	License	Bowtie
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SchemaStore.org				Apache-2.0
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## ## Linter

Name	Languages	Dialects	License	Bowtie
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json-schema-linter		467		
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Sourcemeta JSON Schema CLI		01234672019-092020-12		AGPL-3.0
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Stoplight Spectral		467		Apache-2.0
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## ## Linter Plugins

Name	Languages	Dialects	License	Bowtie
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eslint-plugin-json-schema-validator			MIT	
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remark-lint-frontmatter-schema			ISC	
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## ## Need Help?

### ### Did you find these docs helpful?

### ### Help us make our docs great!

At JSON Schema, we value docs contributions as much as every other type of contribution!

[Edit this page on Github](<https://github.com/json-schema-org/website/blob/main/pages/tools.md>)



[Learn how to contribute](https://github.com/json-schema-org/website/blob/main/CONTRIBUTING.md)

### ### Still Need Help?

Learning JSON Schema is often confusing, but don't worry, we are here to help!.

[Ask the community on GitHub](https://github.com/orgs/json-schema-org/discussions/new?category=q-a)

[Ask the community on Slack](https://json-schema.org/slack)

![logo-white](/img/logos/logo-white.svg)

[Open Collective](https://opencollective.com/json-schema)

[Code of Conduct](/overview/code-of-conduct)

![Slack logo](/img/logos/slack\_logo\_small-white.svg) Slack](https://json-schema.org/slack)

![X logo](/img/logos/x-twitter.svg) X](https://x.com/jsonschema)

![LinkedIn logo](/img/logos/icons8-linkedin-2.svg) LinkedIn](https://linkedin.com/company/jsonschema/)

[![YouTube

logo](/img/logos/icons8-youtube.svg)Youtube](https://www.youtube.com/@JSONSchemaOrgOfficial  
)

[![GitHub logo](/img/logos/github\_logo-

white.svg)GitHub](https://github.com/json-schema-org)

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