

Schema

OPTIONS

GET



Schema used to validate changes or additions to the SHARE dataset.

To submit changes, see </api/normalizeddata>

Each node in the submitted [@graph](#) is validated by a model schema determined by its [@type](#).

Object schemas

Work types

- [CreativeWork](#): Anything created by an Agent.
 - [DataSet](#): A collection of information gathered in the course of research.
 - [Patent](#): A description of an invention, and a government-issued license to exclude others from making or selling that invention.
 - [Poster](#)
 - [Presentation](#)
 - [Publication](#)
 - [Article](#)
 - [Book](#)
 - [ConferencePaper](#)
 - [Dissertation](#)
 - [Preprint](#)
 - [Project](#)
 - [Registration](#)
 - [Report](#)
 - [Thesis](#)
 - [WorkingPaper](#)
 - [Repository](#)
 - [Retraction](#)
 - [Software](#)

Agents

- [Organization](#)
 - [Consortium](#)
 - [Department](#)
 - [Institution](#)
- [Person](#)

Identifiers

- [AgentIdentifier](#): Unique identifier (in IRI form) for an agent.
- [WorkIdentifier](#): Unique identifier (in IRI form) for a creative work.

Other Objects

- [Award](#)
- [Subject](#)
- [Tag](#)

Relation schemas

Relations between Agents

- [IsAffiliatedWith](#): The subject agent is officially attached or connected to the related agent.
 - [IsEmployedBy](#): The subject agent is employed by the related agent.
 - [IsMemberOf](#): The subject agent is a member of the related group/organization.

Relations between Works

- [Cites](#): The subject work cites the related work.
- [Compiles](#): The subject work is used to create or compile the related work.
- [Corrects](#): The subject work corrects statements, ideas or conclusions presented in the related work.
- [Discusses](#): The subject work discusses statements, ideas or conclusions presented in the related work.
- [Disputes](#): The subject work disputes statements, ideas or conclusions presented in the related work.
- [Documents](#): The subject work documents information about the related work.

- **Extends**: The subject work extends facts, ideas or understandings presented in the related work.
- **IsDerivedFrom**: The subject work is derived from or based on the related work.
- **IsPartOf**: The subject work is a portion, component, or child of the related work. The subject work will be included in search results for the related work.
- **IsSupplementTo**: The subject work supplements or enhances the related work.
- **References**: The subject work uses the related work as a source of information.
- **RepliesTo**: The subject work replies to statements, ideas or criticisms presented in the related work.
- **Retracts**: The subject work constitutes a formal retraction of the related work. The subject work will be included in search results for the related work.
- **Reviews**: The subject work reviews statements, ideas or conclusions presented in the related work.
- **UsesDataFrom**: The subject work describes work that uses data presented in the related work.

Relations between Agents and Works

- **Contributor**: The agent directly contributed to the creation of the work.
 - **Creator**: The agent authored or was a major contributor to the creation of the work.
 - **PrincipallInvestigator**: The agent oversaw the creation of the work, as head of the laboratory or research group in which the work was created.
 - **PrincipallInvestigatorContact**: The agent oversaw the creation of the work, as head of the laboratory or research group in which the work was created and is the primary contact.
- **Funder**: The agent gave money that enabled or supported the creation of the work.
- **Host**: The agent stores the completed work for public retrieval.
- **Publisher**: The agent published the work.

Other Relations

- **ThroughAwards**
- **ThroughContributor**
- **ThroughSubjects**
- **ThroughTags**

```
GET /api/v2/schema/

HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/vnd.api+json
Vary: Accept

{
  "data": {
    "title": "SHARE ChangeSet JSONLD",
    "description": "A sub-set of JSONLD",
    "$schema": "http://json-schema.org/draft-04/schema#",
    "definitions": {
      "primitives": {
        "type": [
          "string",
          "number",
          "boolean",
          "null"
        ]
      },
      "reference": {
        "type": "object",
        "required": [
          "@id",
          "@type"
        ],
        "additionalProperties": false,
        "properties": {
          "@type": {
            "type": "string"
          },
          "@id": {
            "type": "string"
          }
        }
      }
    },
    "required": [
      "@graph"
    ],
    "additionalProperties": false,
    "properties": {

```

```

    "properties": {
      "@context": {
        "type": "object"
      },
      "@graph": {
        "description": "Used to express a graph.",
        "type": "array",
        "items": {
          "type": "object",
          "required": [
            "@id",
            "@type"
          ],
          "properties": {
            "extra": {
              "type": "object"
            },
            "@type": {
              "type": "string"
            },
            "@id": {
              "type": [
                "string",
                "integer"
              ]
            }
          }
        },
        "additionalProperties": {
          "oneOf": [
            {
              "$ref": "#/definitions/reference"
            },
            {
              "$ref": "#/definitions/primitives"
            },
            {
              "type": "array",
              "items": {
                "$ref": "#/definitions/reference"
              }
            }
          ]
        }
      }
    }
  }
}

```