

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.
 - [PrincipalInvestigator](#): The agent oversaw the creation of the work, as head of the laboratory or research group in which the work was created.
 - [PrincipalInvestigatorContact](#): 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": {
    "@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"
                        }
                    }
                ]
            }
        }
    }
}
```



Creative Work Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='CreativeWork'`. See [/api/schema](#)

Anything created by an Agent.

```
GET /api/v2/schema/CreativeWork
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
            "subjects": {  
                "type": "array",  
                "description": "List of subjects associated with the creative work"  
            }  
        }  
    }  
}
```

```
"type": "array",
"items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "THROUGHSUBJECTS",
                "ThroughSubjects",
                "throughsubjects"
            ]
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Contributor"
                ]
            }
        }
    }
}
```

```
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "CITES",
                    "COMPILES",
                    "CORRECTS",
                    "Cites",
                    "Compiles",
                    "Corrects",
                    "DISCUSSES",
                    "DISPUTES",
                    "DOCUMENTS",
                    "Discusses",
                    "Disputes",
                    "Documents",
                    "EXTENDS",
                    "Extends",
                    "ISDERIVEDFROM",
                    "ISPARTOF",
                    "ISSUPPLEMENTTO",
                    "IsDerivedFrom",
                    "IsPartOf",
                    "IsSupplementTo",
                    "REFERENCES",
                    "REPLIESTO",
                    "RETRACTS",
                    "REVIEWS",
                    "References",
                    "RepliesTo",
                    "Retracts",
                    "Reviews",
                    "USESADATAFROM",
                    "UsesDataFrom",
                    "WORKRELATION",
                    "WorkRelation",
                    "cites",
                    "compiles",
                    "replies"
                ]
            }
        }
    }
}
```

```
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "WORKIDENTIFIER",
                    "WorkIdentifier",
                    "workidentifier"
                ]
            }
        }
    }
}
}
}
```



Data Set Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='DataSet'`. See </api/schema>

A collection of information gathered in the course of research.

```
GET /api/v2/schema/DataSet
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
            "subjects": {  
                "type": "array",  
                "description": "List of subjects associated with the dataset"  
            }  
        }  
    }  
}
```

```
"type": "array",
"items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "THROUGHSUBJECTS",
                "ThroughSubjects",
                "throughsubjects"
            ]
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Contributor"
                ]
            }
        }
    }
}
```

```
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "CITES",
                    "COMPILES",
                    "CORRECTS",
                    "Cites",
                    "Compiles",
                    "Corrects",
                    "DISCUSSES",
                    "DISPUTES",
                    "DOCUMENTS",
                    "Discusses",
                    "Disputes",
                    "Documents",
                    "EXTENDS",
                    "Extends",
                    "ISDERIVEDFROM",
                    "ISPARTOF",
                    "ISSUPPLEMENTTO",
                    "IsDerivedFrom",
                    "IsPartOf",
                    "IsSupplementTo",
                    "REFERENCES",
                    "REPLIESTO",
                    "RETRACTS",
                    "REVIEWS",
                    "References",
                    "RepliesTo",
                    "Retracts",
                    "Reviews",
                    "USESADATAFROM",
                    "UsesDataFrom",
                    "WORKRELATION",
                    "WorkRelation",
                    "cites",
                    "compiles",
                    "replies"
                ]
            }
        }
    }
}
```

```
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "WORKIDENTIFIER",
                    "WorkIdentifier",
                    "workidentifier"
                ]
            }
        }
    }
}
}
}
```



Patent Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Patent'`. See [/api/schema](#)

A description of an invention, and a government-issued license to exclude others from making or selling that invention.

GET /api/v2/schema/Patent

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
            "subjects": {  
                "type": "array",  
                "description": "List of subjects associated with the patent"  
            }  
        }  
    }  
}
```

```
"type": "array",
"items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "THROUGHSUBJECTS",
                "ThroughSubjects",
                "throughsubjects"
            ]
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Contributor"
                ]
            }
        }
    }
}
```

```
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "CITES",
                    "COMPILES",
                    "CORRECTS",
                    "Cites",
                    "Compiles",
                    "Corrects",
                    "DISCUSSES",
                    "DISPUTES",
                    "DOCUMENTS",
                    "Discusses",
                    "Disputes",
                    "Documents",
                    "EXTENDS",
                    "Extends",
                    "ISDERIVEDFROM",
                    "ISPARTOF",
                    "ISSUPPLEMENTTO",
                    "IsDerivedFrom",
                    "IsPartOf",
                    "IsSupplementTo",
                    "REFERENCES",
                    "REPLIESTO",
                    "RETRACTS",
                    "REVIEWS",
                    "References",
                    "RepliesTo",
                    "Retracts",
                    "Reviews",
                    "USESADATAFROM",
                    "UsesDataFrom",
                    "WORKRELATION",
                    "WorkRelation",
                    "cites",
                    "compiles",
                    "replies"
                ]
            }
        }
    }
}
```

```
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "WORKIDENTIFIER",
                    "WorkIdentifier",
                    "workidentifier"
                ]
            }
        }
    }
}
}
}
```



Poster Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Poster'`. See [/api/schema](#)

Poster(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Poster

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Presentation Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='Presentation'`. See [/api/schema](#)

Presentation(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Presentation

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```

"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
}

```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ],
},
},
},
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
```



Publication Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='Publication'`. See [/api/schema](#)

Publication(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Publication

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Article Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='Article'`. See [/api/schema](#)

Article(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Article

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            }  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Book Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Book'`. See [/api/schema](#)

Book(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Book

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Conference Paper Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='ConferencePaper'`. See [/api/schema](#)

ConferencePaper(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/ConferencePaper

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Dissertation Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Dissertation'`. See [/api/schema](#)

Dissertation(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Dissertation

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```

Preprint Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Preprint'`. See [/api/schema](#)

Preprint(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Preprint

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Project Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='Project'`. See </api/schema>

Project(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Project

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Registration Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='Registration'`. See [/api/schema](#)

Registration(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, registration_type, withdrawn, justification)

GET /api/v2/schema/Registration

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            }  
        }  
    }  
}
```

```
"registration_type": {
    "type": "string",
    "description": "Text"
},
"withdrawn": {
    "type": "boolean",
    "description": "Boolean (Either True, False or None)"
},
"justification": {
    "type": "string",
    "description": "Text"
},
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
}
```

```
    "@id": {
        "type": [
            "string",
            "integer"
        ]
    },
    "@type": {
        "enum": [
            "AGENTWORKRELATION",
            "AgentWorkRelation",
            "CONTRIBUTOR",
            "CREATOR",
            "Contributor",
            "Creator",
            "FUNDER",
            "Funder",
            "HOST",
            "Host",
            "PRINCIPALINVESTIGATOR",
            "PRINCIPALINVESTIGATORCONTACT",
            "PUBLISHER",
            "PrincipalInvestigator",
            "PrincipalInvestigatorContact",
            "Publisher",
            "agentworkrelation",
            "contributor",
            "creator",
            "funder",
            "host",
            "principalinvestigator",
            "principalinvestigatorcontact",
            "publisher"
        ]
    }
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "CITES",
                    "COMPILES",
                    "CORRECTS",
                    "Cites",
                    "Compiles",
                    "Corrects",
                    "DISCUSSES",
                    "DISPUTES",
                    "DOCUMENTS",
                    "Discusses",
                    "Disputes",
                    "Documents",
                    "EXTENDS",
                    "Extends",
                    "ISDERIVEDFROM",
                    "ISPARTOF",
                    "ISSUPPLEMENTTO",
                    "IsDerivedFrom",
                    "IsPartOf",
                    "IsSupplementTo",
                    "REFERENCES",

```

```
        "REPLIESTO",
        "RETRACTS",
        "REVIEWS",
        "References",
        "RepliesTo",
        "Retracts",
        "Reviews",
        "USES DATA FROM",
        "UsesDataFrom",
        "WORKRELATION",
        "WorkRelation",
        "cites",
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "WORKIDENTIFIER",
                    "WorkIdentifier",
                    "workidentifier"
                ]
            }
        }
    }
}
}
}
```

Report Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Report'`. See [/api/schema](#)

Report(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, registration_type, withdrawn, justification)

GET /api/v2/schema/Report

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            }  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ],
},
},
},
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
```

Thesis Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Thesis'`. See [/api/schema](#)

Thesis(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, registration_type, withdrawn, justification)

GET /api/v2/schema/Thesis

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            }  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```

Working Paper Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='WorkingPaper'`. See </api/schema>

WorkingPaper(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, registration_type, withdrawn, justification)

GET /api/v2/schema/WorkingPaper

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            }  
        }  
    }  
}
```

```
},
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR"
                ]
            }
        }
    }
}
```

```
        "CONTRIBUTOR",
        "CREATOR",
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "CITES",
                    "COMPILES",
                    "CORRECTS",
                    "Cites",
                    "Compiles",
                    "Corrects",
                    "DISCUSSES",
                    "DISPUTES",
                    "DOCUMENTS",
                    "Discusses",
                    "Disputes",
                    "Documents",
                    "EXTENDS",
                    "Extends",
                    "ISDERIVEDFROM",
                    "ISPARTOF",
                    "ISSUPPLEMENTTO",
                    "IsDerivedFrom",
                    "IsPartOf",
                    "IsSupplementTo",
                    "REFERENCES",
                    "REPLIESTO",
                    "RETRACTS",
                    "REVIEWS",
                    "References",
                    "RepliesTo",
                    "Retracts",
                    "Reviews",
                    "USESADATAFROM",
                    "UsesDataFrom",
                    "WORKRELATION",
                    "WorkRelation"
                ]
            }
        }
    }
}
```

```
        "workrelation",
        "cites",
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "WORKIDENTIFIER",
                    "WorkIdentifier",
                    "workidentifier"
                ]
            }
        }
    }
}
}
}
```

Repository Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Repository'`. See [/api/schema](#)

Repository(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, registration_type, withdrawn, justification)

GET /api/v2/schema/Repository

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            }  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ],
},
},
},
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
```

Retraction Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Retraction'`. See [/api/schema](#)

Retraction(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, registration_type, withdrawn, justification)

GET /api/v2/schema/Retraction

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            }  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```



Software Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='Software'`. See [/api/schema](#)

Software(type, id, title, description, is_deleted, date_published, date_updated, free_to_read_type, free_to_read_date, rights, language, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, registration_type, withdrawn, justification)

GET /api/v2/schema/Software

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "title": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "date_published": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "date_updated": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "free_to_read_type": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "free_to_read_date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "rights": {  
                "type": "string",  
                "description": "Text"  
            },  
            "language": {  
                "type": "string",  
                "description": "Text"  
            },  
        }  
    }  
}
```

```
"subjects": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHSUBJECTS",
                    "ThroughSubjects",
                    "throughsubjects"
                ]
            }
        }
    }
},
"tags": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHTAGS",
                    "ThroughTags",
                    "throughtags"
                ]
            }
        }
    }
},
"related_agents": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "PUBLISHER"
                ]
            }
        }
    }
}
```

```
        "Contributor",
        "Creator",
        "FUNDER",
        "Funder",
        "HOST",
        "Host",
        "PRINCIPALINVESTIGATOR",
        "PRINCIPALINVESTIGATORCONTACT",
        "PUBLISHER",
        "PrincipalInvestigator",
        "PrincipalInvestigatorContact",
        "Publisher",
        "agentworkrelation",
        "contributor",
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
}
},
"related_works": {
  "type": "array",
  "items": {
    "type": "object",
    "description": "Many-to-many relationship",
    "required": [
      "@id",
      "@type"
    ],
    "additionalProperties": false,
    "properties": {
      "@id": {
        "type": [
          "string",
          "integer"
        ]
      },
      "@type": {
        "enum": [
          "CITES",
          "COMPILES",
          "CORRECTS",
          "Cites",
          "Compiles",
          "Corrects",
          "DISCUSSES",
          "DISPUTES",
          "DOCUMENTS",
          "Discusses",
          "Disputes",
          "Documents",
          "EXTENDS",
          "Extends",
          "ISDERIVEDFROM",
          "ISPARTOF",
          "ISSUPPLEMENTTO",
          "IsDerivedFrom",
          "IsPartOf",
          "IsSupplementTo",
          "REFERENCES",
          "REPLIESTO",
          "RETRACTS",
          "REVIEWS",
          "References",
          "RepliesTo",
          "Retracts",
          "Reviews",
          "USESDATAFROM",
          "UsesDataFrom",
          "WORKRELATION",
          "WorkRelation",
          "cites",
          "cites"
        ]
      }
    }
  }
}
```

```
        "compiles",
        "corrects",
        "discusses",
        "disputes",
        "documents",
        "extends",
        "isderivedfrom",
        "ispartof",
        "issupplementto",
        "references",
        "repliesto",
        "retracts",
        "reviews",
        "usesdatafrom",
        "workrelation"
    ]
}
}
}
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "WORKIDENTIFIER",
                        "WorkIdentifier",
                        "workidentifier"
                    ]
                }
            }
        }
    }
}
}
}
```

Organization Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Organization'`. See [/api/schema](#)

Organization(type, id, name, location, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Organization

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "location": {  
                "type": "string",  
                "description": "Text"  
            },  
            "related_agents": {  
                "type": "array",  
                "items": {  
                    "type": "object",  
                    "description": "Many-to-many relationship",  
                    "required": [  
                        "@id",  
                        "@type"  
                    ],  
                    "additionalProperties": false,  
                    "properties": {  
                        "@id": {  
                            "type": [  
                                "string",  
                                "integer"  
                            ]  
                        },  
                        "@type": {  
                            "enum": [  
                                "AGENTRELATION",  
                                "AgentRelation",  
                                "ISAFFILIATEDWITH",  
                                "ISEMPLOYEDBY",  
                                "ISMEMBEROF",  
                                "IsAffiliatedWith",  
                                "IsEmployedBy",  
                                "IsMemberOf",  
                                "agentrelation",  
                                "isaffiliatedwith",  
                                "isemployedby",  
                                "isemployedby"  
                            ]  
                        }  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "ismemberof"
    ]
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Creator",
                    "FUNDER",
                    "Funder",
                    "HOST",
                    "Host",
                    "PRINCIPALINVESTIGATOR",
                    "PRINCIPALINVESTIGATORCONTACT",
                    "PUBLISHER",
                    "PrincipalInvestigator",
                    "PrincipalInvestigatorContact",
                    "Publisher",
                    "agentworkrelation",
                    "contributor",
                    "creator",
                    "funder",
                    "host",
                    "principalinvestigator",
                    "principalinvestigatorcontact",
                    "publisher"
                ]
            }
        }
    }
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTIDENTIFIER",
                    "AgentIdentifier",
                    "agentidentifier"
                ]
            }
        }
    }
}
```


Consortium Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Consortium'`. See [/api/schema](#)

Consortium(type, id, name, location, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Consortium

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "location": {  
                "type": "string",  
                "description": "Text"  
            },  
            "related_agents": {  
                "type": "array",  
                "items": {  
                    "type": "object",  
                    "description": "Many-to-many relationship",  
                    "required": [  
                        "@id",  
                        "@type"  
                    ],  
                    "additionalProperties": false,  
                    "properties": {  
                        "@id": {  
                            "type": [  
                                "string",  
                                "integer"  
                            ]  
                        },  
                        "@type": {  
                            "enum": [  
                                "AGENTRELATION",  
                                "AgentRelation",  
                                "ISAFFILIATEDWITH",  
                                "ISEMPLOYEDBY",  
                                "ISMEMBEROF",  
                                "IsAffiliatedWith",  
                                "IsEmployedBy",  
                                "IsMemberOf",  
                                "agentrelation",  
                                "isaffiliatedwith",  
                                "isemployedby",  
                                "isemployedby"  
                            ]  
                        }  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "ismemberof"
    ]
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Creator",
                    "FUNDER",
                    "Funder",
                    "HOST",
                    "Host",
                    "PRINCIPALINVESTIGATOR",
                    "PRINCIPALINVESTIGATORCONTACT",
                    "PUBLISHER",
                    "PrincipalInvestigator",
                    "PrincipalInvestigatorContact",
                    "Publisher",
                    "agentworkrelation",
                    "contributor",
                    "creator",
                    "funder",
                    "host",
                    "principalinvestigator",
                    "principalinvestigatorcontact",
                    "publisher"
                ]
            }
        }
    }
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTIDENTIFIER",
                    "AgentIdentifier",
                    "agentidentifier"
                ]
            }
        }
    }
}
```


Department Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Department'`. See [/api/schema](#)

Department(type, id, name, location, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Department

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "location": {  
                "type": "string",  
                "description": "Text"  
            },  
            "related_agents": {  
                "type": "array",  
                "items": {  
                    "type": "object",  
                    "description": "Many-to-many relationship",  
                    "required": [  
                        "@id",  
                        "@type"  
                    ],  
                    "additionalProperties": false,  
                    "properties": {  
                        "@id": {  
                            "type": [  
                                "string",  
                                "integer"  
                            ]  
                        },  
                        "@type": {  
                            "enum": [  
                                "AGENTRELATION",  
                                "AgentRelation",  
                                "ISAFFILIATEDWITH",  
                                "ISEMPLOYEDBY",  
                                "ISMEMBEROF",  
                                "IsAffiliatedWith",  
                                "IsEmployedBy",  
                                "IsMemberOf",  
                                "agentrelation",  
                                "isaffiliatedwith",  
                                "isemployedby",  
                                "isemployedby"  
                            ]  
                        }  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "ismemberof"
    ]
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Creator",
                    "FUNDER",
                    "Funder",
                    "HOST",
                    "Host",
                    "PRINCIPALINVESTIGATOR",
                    "PRINCIPALINVESTIGATORCONTACT",
                    "PUBLISHER",
                    "PrincipalInvestigator",
                    "PrincipalInvestigatorContact",
                    "Publisher",
                    "agentworkrelation",
                    "contributor",
                    "creator",
                    "funder",
                    "host",
                    "principalinvestigator",
                    "principalinvestigatorcontact",
                    "publisher"
                ]
            }
        }
    }
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTIDENTIFIER",
                    "AgentIdentifier",
                    "agentidentifier"
                ]
            }
        }
    }
}
```


Institution Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Institution'`. See [/api/schema](#)

Institution(type, id, name, location, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Institution

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "location": {  
                "type": "string",  
                "description": "Text"  
            },  
            "related_agents": {  
                "type": "array",  
                "items": {  
                    "type": "object",  
                    "description": "Many-to-many relationship",  
                    "required": [  
                        "@id",  
                        "@type"  
                    ],  
                    "additionalProperties": false,  
                    "properties": {  
                        "@id": {  
                            "type": [  
                                "string",  
                                "integer"  
                            ]  
                        },  
                        "@type": {  
                            "enum": [  
                                "AGENTRELATION",  
                                "AgentRelation",  
                                "ISAFFILIATEDWITH",  
                                "ISEMPLOYEDBY",  
                                "ISMEMBEROF",  
                                "IsAffiliatedWith",  
                                "IsEmployedBy",  
                                "IsMemberOf",  
                                "agentrelation",  
                                "isaffiliatedwith",  
                                "isemployedby",  
                                "isemployedby"  
                            ]  
                        }  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "ismemberof"
    ]
}
}
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Creator",
                    "FUNDER",
                    "Funder",
                    "HOST",
                    "Host",
                    "PRINCIPALINVESTIGATOR",
                    "PRINCIPALINVESTIGATORCONTACT",
                    "PUBLISHER",
                    "PrincipalInvestigator",
                    "PrincipalInvestigatorContact",
                    "Publisher",
                    "agentworkrelation",
                    "contributor",
                    "creator",
                    "funder",
                    "host",
                    "principalinvestigator",
                    "principalinvestigatorcontact",
                    "publisher"
                ]
            }
        }
    }
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTIDENTIFIER",
                    "AgentIdentifier",
                    "agentidentifier"
                ]
            }
        }
    }
}
```




Person Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Person'`. See [/api/schema](#)

Person(type, id, name, location, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version, family_name, given_name, additional_name, suffix)

GET /api/v2/schema/Person

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "location": {  
                "type": "string",  
                "description": "Text"  
            },  
            "family_name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "given_name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "additional_name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "suffix": {  
                "type": "string",  
                "description": "Text"  
            },  
            "related_agents": {  
                "type": "array",  
                "items": {  
                    "type": "object",  
                    "description": "Many-to-many relationship",  
                    "required": [  
                        "@id",  
                        "@type"  
                    ],  
                    "additionalProperties": false,  
                    "properties": {  
                        "@id": {  
                            "type": [  
                                "string",  
                                "object"  
                            ]  
                        },  
                        "agents": {  
                            "type": "array",  
                            "items": {  
                                "type": "object",  
                                "description": "Agent details",  
                                "required": [  
                                    "name",  
                                    "type",  
                                    "id"  
                                ],  
                                "properties": {  
                                    "name": {  
                                        "type": "string",  
                                        "description": "Name of the agent"  
                                    },  
                                    "type": {  
                                        "type": "string",  
                                        "description": "Type of the agent (e.g., Person, Organization)"  
                                    },  
                                    "id": {  
                                        "type": "string",  
                                        "description": "Unique identifier for the agent"  
                                    }  
                                }  
                            }  
                        }  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "string",
        "integer"
    ],
},
"@type": {
    "enum": [
        "AGENTRELATION",
        "AgentRelation",
        "ISAFFILIATEDWITH",
        "ISEMPLOYEDBY",
        "ISMEMBEROF",
        "IsAffiliatedWith",
        "IsEmployedBy",
        "IsMemberOf",
        "agentrelation",
        "isaffiliatedwith",
        "isemployedby",
        "ismemberof"
    ]
}
},
},
"related_works": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENTWORKRELATION",
                    "AgentWorkRelation",
                    "CONTRIBUTOR",
                    "CREATOR",
                    "Contributor",
                    "Creator",
                    "FUNDER",
                    "Funder",
                    "HOST",
                    "Host",
                    "PRINCIPALINVESTIGATOR",
                    "PRINCIPALINVESTIGATORCONTACT",
                    "PUBLISHER",
                    "PrincipalInvestigator",
                    "PrincipalInvestigatorContact",
                    "Publisher",
                    "agentworkrelation",
                    "contributor",
                    "creator",
                    "funder",
                    "host",
                    "principalinvestigator",
                    "principalinvestigatorcontact",
                    "publisher"
                ]
            }
        }
    }
},
"identifiers": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "",
        "required": [

```

```
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "AGENTIDENTIFIER",
                "AgentIdentifier",
                "agentidentifier"
            ]
        }
    }
}
}
```

Agent Identifier Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='AgentIdentifier'`. See [/api/schema](#)

Unique identifier (in IRI form) for an agent.

```
GET /api/v2/schema/AgentIdentifier
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "uri",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "uri": {  
                "type": "string",  
                "description": "URL",  
                "minLength": 1,  
                "format": "uri"  
            },  
            "host": {  
                "type": "string",  
                "description": "Text"  
            },  
            "scheme": {  
                "type": "string",  
                "description": "Text"  
            },  
            "agent": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "AGENT",  
                            "Agent",  
                            "CONSORTIUM",  
                            "Consortium",  
                            "DEPARTMENT",  
                            "Department"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium",
        "department",
        "institution",
        "organization",
        "person"
    ]
}
}
}
}
```



Work Identifier Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='WorkIdentifier'`. See [/api/schema](#)

Unique identifier (in IRI form) for a creative work.

```
GET /api/v2/schema/WorkIdentifier
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "uri",  
            "creative_work"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "uri": {  
                "type": "string",  
                "description": "URL",  
                "minLength": 1,  
                "format": "uri"  
            },  
            "host": {  
                "type": "string",  
                "description": "Text"  
            },  
            "scheme": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "ConferencePaper"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"CREATIVEWORK",
"ConferencePaper",
"CreativeWork",
"DATASET",
"DISSERTATION",
"DataSet",
"Dissertation",
"PATENT",
"POSTER",
"PREPRINT",
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
}
}
}
}
```



Award Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Award'`. See [/api/schema](#)

Award(id, name, description, date, award_amount, uri, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Award

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text"  
            },  
            "description": {  
                "type": "string",  
                "description": "Text"  
            },  
            "date": {  
                "type": "string",  
                "description": "Date (with time)"  
            },  
            "award_amount": {  
                "type": "integer",  
                "description": "Positive integer"  
            },  
            "uri": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            }  
        }  
    }  
}
```



Subject Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Subject'`. See </api/schema>

Subject(id, name, is_deleted, uri, taxonomy, change, date_modified, date_created, version, parent, parent_version, central_synonym, central_synonym_version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Subject

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "name"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text",  
                "minLength": 1  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "uri": {  
                "type": "string",  
                "description": "URL",  
                "format": "uri"  
            },  
            "parent": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "SUBJECT",  
                            "Subject",  
                            "subject"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        }
    },
"central_synonym": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "SUBJECT",
                "Subject",
                "subject"
            ]
        }
    }
},
}
}
```



Tag Schema

OPTIONS

GET

▼

Schema used to validate submitted changes with `@type='Tag'`. See [/api/schema](#)

Tag(id, name, change, date_modified, date_created, version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/Tag

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "name"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "name": {  
                "type": "string",  
                "description": "Text",  
                "minLength": 1  
            }  
        }  
    }  
}
```

Is Affiliated With Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='IsAffiliatedWith'`. See </api/schema>

The subject agent is officially attached or connected to the related agent.

```
GET /api/v2/schema/IsAffiliatedWith
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "AGENT",  
                            "Agent",  
                            "CONSORTIUM",  
                            "Consortium",  
                            "DEPARTMENT",  
                            "Department",  
                            "INSTITUTION",  
                            "Institution",  
                            "ORGANIZATION",  
                            "Organization",  
                            "PERSON",  
                            "Person",  
                            "agent",  
                            "consortium",  
                            "department",  
                            "institution",  
                            "organization",  
                            "person"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        }
    },
    "related": {
        "type": "object",
        "description": "Foreign Key (type determined by related field)",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENT",
                    "Agent",
                    "CONSORTIUM",
                    "Consortium",
                    "DEPARTMENT",
                    "Department",
                    "INSTITUTION",
                    "Institution",
                    "ORGANIZATION",
                    "Organization",
                    "PERSON",
                    "Person",
                    "agent",
                    "consortium",
                    "department",
                    "institution",
                    "organization",
                    "person"
                ]
            }
        }
    }
}
```



Is Employed By Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='IsEmployedBy'`. See [/api/schema](#)

The subject agent is employed by the related agent.

```
GET /api/v2/schema/IsEmployedBy
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "AGENT",  
                            "Agent",  
                            "CONSORTIUM",  
                            "Consortium",  
                            "DEPARTMENT",  
                            "Department",  
                            "INSTITUTION",  
                            "Institution",  
                            "ORGANIZATION",  
                            "Organization",  
                            "PERSON",  
                            "Person",  
                            "agent",  
                            "consortium",  
                            "department",  
                            "institution",  
                            "organization",  
                            "person"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        }
    },
    "related": {
        "type": "object",
        "description": "Foreign Key (type determined by related field)",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENT",
                    "Agent",
                    "CONSORTIUM",
                    "Consortium",
                    "DEPARTMENT",
                    "Department",
                    "INSTITUTION",
                    "Institution",
                    "ORGANIZATION",
                    "Organization",
                    "PERSON",
                    "Person",
                    "agent",
                    "consortium",
                    "department",
                    "institution",
                    "organization",
                    "person"
                ]
            }
        }
    }
}
```



Is Member Of Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='IsMemberOf'`. See [/api/schema](#)

The subject agent is a member of the related group/organization.

```
GET /api/v2/schema/IsMemberOf
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "AGENT",  
                            "Agent",  
                            "CONSORTIUM",  
                            "Consortium",  
                            "DEPARTMENT",  
                            "Department",  
                            "INSTITUTION",  
                            "Institution",  
                            "ORGANIZATION",  
                            "Organization",  
                            "PERSON",  
                            "Person",  
                            "agent",  
                            "consortium",  
                            "department",  
                            "institution",  
                            "organization",  
                            "person"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        }
    },
    "related": {
        "type": "object",
        "description": "Foreign Key (type determined by related field)",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "AGENT",
                    "Agent",
                    "CONSORTIUM",
                    "Consortium",
                    "DEPARTMENT",
                    "Department",
                    "INSTITUTION",
                    "Institution",
                    "ORGANIZATION",
                    "Organization",
                    "PERSON",
                    "Person",
                    "agent",
                    "consortium",
                    "department",
                    "institution",
                    "organization",
                    "person"
                ]
            }
        }
    }
}
```

Cites Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Cites'`. See [/api/schema](#)

The subject work cites the related work.

```
GET /api/v2/schema/Cites
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "THESIS"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```

Compiles Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Compiles'`. See [/api/schema](#)

The subject work is used to create or compile the related work.

```
GET /api/v2/schema/Compiles
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "WORK"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```

Corrects Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Corrects'`. See </api/schema>

The subject work corrects statements, ideas or conclusions presented in the related work.

```
GET /api/v2/schema/Corrects
```

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "THESIS"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```

Discusses Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Discusses'`. See [/api/schema](#)

The subject work discusses statements, ideas or conclusions presented in the related work.

```
GET /api/v2/schema/Discusses
```

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "WORK"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```

Disputes Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Disputes'`. See [/api/schema](#)

The subject work disputes statements, ideas or conclusions presented in the related work.

```
GET /api/v2/schema/Disputes
```

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "THESIS"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```



Documents Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Documents'`. See [/api/schema](#)

The subject work documents information about the related work.

```
GET /api/v2/schema/Documents
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "THESIS"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```

Extends Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Extends'`. See </api/schema>

The subject work extends facts, ideas or understandings presented in the related work.

```
GET /api/v2/schema/Extends
```

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "THESIS"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```

Is Derived From Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='IsDerivedFrom'`. See </api/schema>

The subject work is derived from or based on the related work.

```
GET /api/v2/schema/IsDerivedFrom
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "WORK"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```



Is Part Of Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='IsPartOf'`. See [/api/schema](#)

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.

GET /api/v2/schema/IsPartOf

HTTP 200 OK

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

```
{  
  "data": {  
    "type": "object",  
    "required": [  
      "@id",  
      "@type",  
      "subject",  
      "related"  
    ],  
    "additionalProperties": false,  
    "properties": {  
      "extra": {  
        "type": "object"  
      },  
      "@type": {  
        "type": "string"  
      },  
      "@id": {  
        "type": [  
          "integer",  
          "string"  
        ]  
      },  
      "subject": {  
        "type": "object",  
        "description": "Foreign Key (type determined by related field)",  
        "required": [  
          "@id",  
          "@type"  
        ],  
        "additionalProperties": false,  
        "properties": {  
          "@id": {  
            "type": [  
              "string",  
              "integer"  
            ]  
          },  
          "@type": {  
            "enum": [  
              "ARTICLE",  
              "Article",  
              "BOOK",  
              "Book",  
              "CONFERENCEPAPER",  
              "CREATIVEWORK",  
              "ConferencePaper",  
              "CreativeWork",  
              "DATASET",  
              "DISSERTATION",  
              "DataSet",  
              "Dissertation",  
              "PATENT",  
              "POSTER",  
              "PREPRINT",  
              "PRESENTATION",  
              "PROJECT",  
              "PUBLICATION",  
              "WORK"  
            ]  
          }  
        }  
      }  
    }  
  }  
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
],
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT"
            ]
        }
    }
}
```

```
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
}
}
}
}
```

Is Supplement To Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='IsSupplementTo'`. See [/api/schema](#)

The subject work supplements or enhances the related work.

```
GET /api/v2/schema/IsSupplementTo
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "WORK"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```



References Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='References'`. See </api/schema>

The subject work uses the related work as a source of information.

GET /api/v2/schema/References

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "THESIS"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```



Replies To Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='RepliesTo'`. See [/api/schema](#)

The subject work replies to statements, ideas or criticisms presented in the related work.

```
GET /api/v2/schema/RepliesTo
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "REVIEW",  
                            "Review",  
                            "THESIS",  
                            "Thesis",  
                            "WORK",  
                            "Work"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```

Retracts Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Retracts'`. See [/api/schema](#)

The subject work constitutes a formal retraction of the related work. The subject work will be included in search results for the related work.

GET /api/v2/schema/Retracts

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "WORK"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
],
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT"
            ]
        }
    }
}
```

```
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
}
}
}
}
```

Reviews Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='Reviews'`. See </api/schema>

The subject work reviews statements, ideas or conclusions presented in the related work.

```
GET /api/v2/schema/Reviews
```

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "WORK"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```



Uses Data From Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='UsesDataFrom'`. See </api/schema>

The subject work describes work that uses data presented in the related work.

```
GET /api/v2/schema/UsesDataFrom
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "PRESENTATION",  
                            "PROJECT",  
                            "PUBLICATION",  
                            "Patent",  
                            "WORK"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
},
},
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "ARTICLE",
                "Article",
                "BOOK",
                "Book",
                "CONFERENCEPAPER",
                "CREATIVEWORK",
                "ConferencePaper",
                "CreativeWork",
                "DATASET",
                "DISSERTATION",
                "DataSet",
                "Dissertation",
                "PATENT",
                "POSTER",
                "PREPRINT",
                "PRESENTATION",
                "PROJECT",
                "PUBLICATION",
                "WORKINGPAPER"
            ]
        }
    }
}
```

```
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ],
}
}
}
}
```



Contributor Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Contributor'`. See </api/schema>

The agent directly contributed to the creation of the work.

```
GET /api/v2/schema/Contributor
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "creative_work",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "cited_as": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "Preprint"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
},
},
"agent": {
  "type": "object",
  "description": "Foreign Key (type determined by related field)",
  "required": [
    "@id",
    "@type"
  ],
  "additionalProperties": false,
  "properties": {
    "@id": {
      "type": [
        "string",
        "integer"
      ]
    },
    "@type": {
      "enum": [
        "AGENT",
        "Agent",
        "CONSORTIUM",
        "Consortium",
        "DEPARTMENT",
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium"
      ]
    }
  }
}
```

```
        "department",
        "institution",
        "organization",
        "person"
    ],
},
},
"contributed_through": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHCONTRIBUTOR",
                    "ThroughContributor",
                    "throughcontributor"
                ]
            }
        }
    }
}
}
```



Creator Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Creator'`. See [/api/schema](#)

The agent authored or was a major contributor to the creation of the work.

```
GET /api/v2/schema/Creator
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "creative_work",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "cited_as": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "Preprint"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
},
},
"agent": {
  "type": "object",
  "description": "Foreign Key (type determined by related field)",
  "required": [
    "@id",
    "@type"
  ],
  "additionalProperties": false,
  "properties": {
    "@id": {
      "type": [
        "string",
        "integer"
      ]
    },
    "@type": {
      "enum": [
        "AGENT",
        "Agent",
        "CONSORTIUM",
        "Consortium",
        "DEPARTMENT",
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium"
      ]
    }
  }
}
```

```
        "department",
        "institution",
        "organization",
        "person"
    ],
},
},
},
"order_cited": {
    "type": "integer",
    "description": "Positive integer"
},
"contributed_through": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHCONTRIBUTOR",
                    "ThroughContributor",
                    "throughcontributor"
                ]
            }
        }
    }
}
}
}
```

Principal Investigator Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='PrincipalInvestigator'`. See [/api/schema](#)

The agent oversaw the creation of the work, as head of the laboratory or research group in which the work was created.

```
GET /api/v2/schema/PrincipalInvestigator
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "creative_work",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "cited_as": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "Text"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
},
},
"agent": {
  "type": "object",
  "description": "Foreign Key (type determined by related field)",
  "required": [
    "@id",
    "@type"
  ],
  "additionalProperties": false,
  "properties": {
    "@id": {
      "type": [
        "string",
        "integer"
      ]
    },
    "@type": {
      "enum": [
        "AGENT",
        "Agent",
        "CONSORTIUM",
        "Consortium",
        "DEPARTMENT",
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium"
      ]
    }
  }
}
```

```
        "department",
        "institution",
        "organization",
        "person"
    ],
}
},
"contributed_through": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHCONTRIBUTOR",
                    "ThroughContributor",
                    "throughcontributor"
                ]
            }
        }
    }
}
}
```

Principal Investigator Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='PrincipalInvestigator'`. See [/api/schema](#)

The agent oversaw the creation of the work, as head of the laboratory or research group in which the work was created.

```
GET /api/v2/schema/PrincipalInvestigatorContact
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "creative_work",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "cited_as": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "Text"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
},
},
"agent": {
  "type": "object",
  "description": "Foreign Key (type determined by related field)",
  "required": [
    "@id",
    "@type"
  ],
  "additionalProperties": false,
  "properties": {
    "@id": {
      "type": [
        "string",
        "integer"
      ]
    },
    "@type": {
      "enum": [
        "AGENT",
        "Agent",
        "CONSORTIUM",
        "Consortium",
        "DEPARTMENT",
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium"
      ]
    }
  }
}
```

```
        "department",
        "institution",
        "organization",
        "person"
    ],
}
},
"contributed_through": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "THROUGHCONTRIBUTOR",
                    "ThroughContributor",
                    "throughcontributor"
                ]
            }
        }
    }
}
}
```

Funder Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Funder'`. See </api/schema>

The agent gave money that enabled or supported the creation of the work.

```
GET /api/v2/schema/Funder
```

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "creative_work",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "cited_as": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "Preprint"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
},
},
"agent": {
  "type": "object",
  "description": "Foreign Key (type determined by related field)",
  "required": [
    "@id",
    "@type"
  ],
  "additionalProperties": false,
  "properties": {
    "@id": {
      "type": [
        "string",
        "integer"
      ]
    },
    "@type": {
      "enum": [
        "AGENT",
        "Agent",
        "CONSORTIUM",
        "Consortium",
        "DEPARTMENT",
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium"
      ]
    }
  }
}
```

```
        "department",
        "institution",
        "organization",
        "person"
    ],
}
},
"awards": {
    "type": "array",
    "items": {
        "type": "object",
        "description": "Many-to-many relationship",
        "required": [
            "@id",
            "@type"
        ],
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ],
                "@type": {
                    "enum": [
                        "THROUGHAWARDS",
                        "ThroughAwards",
                        "throughawards"
                    ]
                }
            }
        }
    }
}
}
```

Host Schema

OPTIONS

GET

Schema used to validate submitted changes with `@type='Host'`. See [/api/schema](#)

The agent stores the completed work for public retrieval.

```
GET /api/v2/schema/Host
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "creative_work",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "cited_as": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "Text"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
},
},
"agent": {
  "type": "object",
  "description": "Foreign Key (type determined by related field)",
  "required": [
    "@id",
    "@type"
  ],
  "additionalProperties": false,
  "properties": {
    "@id": {
      "type": [
        "string",
        "integer"
      ]
    },
    "@type": {
      "enum": [
        "AGENT",
        "Agent",
        "CONSORTIUM",
        "Consortium",
        "DEPARTMENT",
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium"
      ]
    }
  }
}
```

```
        "department",
        "institution",
        "organization",
        "person"
    ]
}
}
}
}
```

Publisher Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='Publisher'`. See [/api/schema](#)

The agent published the work.

```
GET /api/v2/schema/Publisher
```

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "creative_work",  
            "agent"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "cited_as": {  
                "type": "string",  
                "description": "Text"  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "ARTICLE",  
                            "Article",  
                            "BOOK",  
                            "Book",  
                            "CONFERENCEPAPER",  
                            "CREATIVEWORK",  
                            "ConferencePaper",  
                            "CreativeWork",  
                            "DATASET",  
                            "DISSERTATION",  
                            "DataSet",  
                            "Dissertation",  
                            "PATENT",  
                            "POSTER",  
                            "PREPRINT",  
                            "Preprint"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
"PRESENTATION",
"PROJECT",
"PUBLICATION",
"Patent",
"Poster",
"Preprint",
"Presentation",
"Project",
"Publication",
"REGISTRATION",
"REPORT",
"REPOSITORY",
"RETRACTION",
"Registration",
"Report",
"Repository",
"Retraction",
"SOFTWARE",
"Software",
"THESIS",
"Thesis",
"WORKINGPAPER",
"WorkingPaper",
"article",
"book",
"conferencepaper",
"creativework",
"dataset",
"dissertation",
"patent",
"poster",
"preprint",
"presentation",
"project",
"publication",
"registration",
"report",
"repository",
"retraction",
"software",
"thesis",
"workingpaper"
]
}
},
},
"agent": {
  "type": "object",
  "description": "Foreign Key (type determined by related field)",
  "required": [
    "@id",
    "@type"
  ],
  "additionalProperties": false,
  "properties": {
    "@id": {
      "type": [
        "string",
        "integer"
      ]
    },
    "@type": {
      "enum": [
        "AGENT",
        "Agent",
        "CONSORTIUM",
        "Consortium",
        "DEPARTMENT",
        "Department",
        "INSTITUTION",
        "Institution",
        "ORGANIZATION",
        "Organization",
        "PERSON",
        "Person",
        "agent",
        "consortium"
      ]
    }
  }
}
```

```
        "department",
        "institution",
        "organization",
        "person"
    ]
}
}
}
}
```

Through Awards Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='ThroughAwards'`. See [/api/schema](#)

ThroughAwards(id, change, date_modified, date_created, version, funder, funder_version, award, award_version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/ThroughAwards

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "funder",  
            "award"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "funder": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "AGENTWORKRELATION",  
                            "AgentWorkRelation",  
                            "CONTRIBUTOR",  
                            "CREATOR",  
                            "Contributor",  
                            "Creator",  
                            "FUNDER",  
                            "Funder",  
                            "HOST",  
                            "Host",  
                            "PRINCIPALINVESTIGATOR",  
                            "PRINCIPALINVESTIGATORCONTACT",  
                            "PUBLISHER",  
                            "PrincipalInvestigator",  
                            "PrincipalInvestigatorContact",  
                            "Publisher",  
                            "agentworkrelation",  
                            "contributor",  
                            "funder",  
                            "host",  
                            "principalinvestigator",  
                            "principalinvestigatorcontact",  
                            "publisher"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
},
"award": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "AWARD",
                "Award",
                "award"
            ]
        }
    }
}
}
}
```

Through Contributor Schema

OPTIONS

GET



Schema used to validate submitted changes with `@type='ThroughContributor'`. See [/api/schema](#)

ThroughContributor(id, change, date_modified, date_created, version, subject, subject_version, related, related_version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/ThroughContributor

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/vnd.api+json

Vary: Accept

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "related"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "AGENTWORKRELATION",  
                            "AgentWorkRelation",  
                            "CONTRIBUTOR",  
                            "CREATOR",  
                            "Contributor",  
                            "Creator",  
                            "FUNDER",  
                            "Funder",  
                            "HOST",  
                            "Host",  
                            "PRINCIPALINVESTIGATOR",  
                            "PRINCIPALINVESTIGATORCONTACT",  
                            "PUBLISHER",  
                            "PrincipalInvestigator",  
                            "PrincipalInvestigatorContact",  
                            "Publisher",  
                            "agentworkrelation",  
                            "contributor",  
                            "workrelation"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "creator",
        "funder",
        "host",
        "principalinvestigator",
        "principalinvestigatorcontact",
        "publisher"
    ]
}
}
},
"related": {
    "type": "object",
    "description": "Foreign Key (type determined by related field)",
    "required": [
        "@id",
        "@type"
    ],
    "additionalProperties": false,
    "properties": {
        "@id": {
            "type": [
                "string",
                "integer"
            ]
        },
        "@type": {
            "enum": [
                "AGENTWORKRELATION",
                "AgentWorkRelation",
                "CONTRIBUTOR",
                "CREATOR",
                "Contributor",
                "Creator",
                "FUNDER",
                "Funder",
                "HOST",
                "Host",
                "PRINCIPALINVESTIGATOR",
                "PRINCIPALINVESTIGATORCONTACT",
                "PUBLISHER",
                "PrincipalInvestigator",
                "PrincipalInvestigatorContact",
                "Publisher",
                "agentworkrelation",
                "contributor",
                "creator",
                "funder",
                "host",
                "principalinvestigator",
                "principalinvestigatorcontact",
                "publisher"
            ]
        }
    }
}
}
}
```

Through Subjects Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='ThroughSubjects'`. See [/api/schema](#)

ThroughSubjects(id, is_deleted, change, date_modified, date_created, version, subject, subject_version, creative_work, creative_work_version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/ThroughSubjects

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "subject",  
            "creative_work"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "is_deleted": {  
                "type": "boolean",  
                "description": "Boolean (Either True or False)"  
            },  
            "subject": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "SUBJECT",  
                            "Subject",  
                            "subject"  
                        ]  
                    }  
                }  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ]  
            }  
        }  
    }  
}
```

```
        "additionalProperties": false,
        "properties": {
            "@id": {
                "type": [
                    "string",
                    "integer"
                ]
            },
            "@type": {
                "enum": [
                    "ARTICLE",
                    "Article",
                    "BOOK",
                    "Book",
                    "CONFERENCEPAPER",
                    "CREATIVEWORK",
                    "ConferencePaper",
                    "CreativeWork",
                    "DATASET",
                    "DISSERTATION",
                    "DataSet",
                    "Dissertation",
                    "PATENT",
                    "POSTER",
                    "PREPRINT",
                    "PRESENTATION",
                    "PROJECT",
                    "PUBLICATION",
                    "Patent",
                    "Poster",
                    "Preprint",
                    "Presentation",
                    "Project",
                    "Publication",
                    "REGISTRATION",
                    "REPORT",
                    "REPOSITORY",
                    "RETRACTION",
                    "Registration",
                    "Report",
                    "Repository",
                    "Retraction",
                    "SOFTWARE",
                    "Software",
                    "THESIS",
                    "Thesis",
                    "WORKINGPAPER",
                    "WorkingPaper",
                    "article",
                    "book",
                    "conferencepaper",
                    "creativework",
                    "dataset",
                    "dissertation",
                    "patent",
                    "poster",
                    "preprint",
                    "presentation",
                    "project",
                    "publication",
                    "registration",
                    "report",
                    "repository",
                    "retraction",
                    "software",
                    "thesis",
                    "workingpaper"
                ]
            }
        }
    }
}
```


Through Tags Schema

OPTIONS

GET ▾

Schema used to validate submitted changes with `@type='ThroughTags'`. See [/api/schema](#)

ThroughTags(id, change, date_modified, date_created, version, tag, tag_version, creative_work, creative_work_version, extra, extra_version, same_as, same_as_version)

GET /api/v2/schema/ThroughTags

HTTP 200 OK

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

```
{  
    "data": {  
        "type": "object",  
        "required": [  
            "@id",  
            "@type",  
            "tag",  
            "creative_work"  
        ],  
        "additionalProperties": false,  
        "properties": {  
            "extra": {  
                "type": "object"  
            },  
            "@type": {  
                "type": "string"  
            },  
            "@id": {  
                "type": [  
                    "integer",  
                    "string"  
                ]  
            },  
            "tag": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    },  
                    "@type": {  
                        "enum": [  
                            "TAG",  
                            "Tag",  
                            "tag"  
                        ]  
                    }  
                }  
            },  
            "creative_work": {  
                "type": "object",  
                "description": "Foreign Key (type determined by related field)",  
                "required": [  
                    "@id",  
                    "@type"  
                ],  
                "additionalProperties": false,  
                "properties": {  
                    "@id": {  
                        "type": [  
                            "string",  
                            "integer"  
                        ]  
                    }  
                }  
            }  
        }  
    }  
}
```

```
        "string",
        "integer"
    ],
},
"@type": [
    "enum": [
        "ARTICLE",
        "Article",
        "BOOK",
        "Book",
        "CONFERENCEPAPER",
        "CREATIVEWORK",
        "ConferencePaper",
        "CreativeWork",
        "DATASET",
        "DISSERTATION",
        "DataSet",
        "Dissertation",
        "PATENT",
        "POSTER",
        "PREPRINT",
        "PRESENTATION",
        "PROJECT",
        "PUBLICATION",
        "Patent",
        "Poster",
        "Preprint",
        "Presentation",
        "Project",
        "Publication",
        "REGISTRATION",
        "REPORT",
        "REPOSITORY",
        "RETRACTION",
        "Registration",
        "Report",
        "Repository",
        "Retraction",
        "SOFTWARE",
        "Software",
        "THESIS",
        "Thesis",
        "WORKINGPAPER",
        "WorkingPaper",
        "article",
        "book",
        "conferencepaper",
        "creativework",
        "dataset",
        "dissertation",
        "patent",
        "poster",
        "preprint",
        "presentation",
        "project",
        "publication",
        "registration",
        "report",
        "repository",
        "retraction",
        "software",
        "thesis",
        "workingpaper"
    ]
],
}
}
}
}
```