

## Metadata Schema

This page provides documentation for the JSON objects returned by Sherpa APIs. This is intended to be used as reference for developers while building against our APIs.

### Phrases

Phrases for discrete value are included in the JSON returned by the API. The general pattern is that phrases appear in the same scope, with the same name as the field with a '\_phrases' suffix. For example:

```
{
  "colour" : "blue",
  "colour_phrases" : [
    {
      "value" : "blue",
      "phrase" : "Blue",
      "language" : "en"
    }
  ],
  "person" : {
    "name" : "John Smith",
    "clothing" : ["tshirt", "jeans"],
    "clothing_phrases" : [
      {
        "value" : "tshirt",
        "phrase" : "T-Shirt",
        "language" : "en"
      },
      {
        "value" : "jeans",
        "phrase" : "Jeans",
        "language" : "en"
      }
    ]
  }
}
```

Notes:

- Only English is currently supported, but there is scope for further language support.
- If a field does not have an associated \_phrases, then it is a text, numeric or object type.
- Ordering of names in a JSON object is not defined. Be aware that an \_phrases array may not be adjacent to its associated field.

### Primary Objects

Notes:

- For brevity, \_phrase elements are omitted.
- Preferred names and titles are generated automatically from the name and title fields to simplify objects in some contexts.
- Empty values should not be included. If something is missing, it's probably because it's not set.

#### common to all types

All types have a 'system\_metadata' section with the following fields:

system_metadata	id	integer: the Sherpa id of this object
	publicly_visible	value('yes','no'): Is this object publicly visible?
	date_created	date: the date this object was first created
	date_modified	date: the date this object was last modified
	uri	URL: the identity address of this object

#### funder

#### funder\_group

#### publisher

#### publisher\_policy

#### publication

#### repository

repository_metadata	object: core metadata for this repository		
	name	array of objects: the name of the repository	
		name	text: the name of the repository
		acronym	text: a short-form for the name
		preferred	value('name', 'acronym'): which is preferred
		language	value(two-letter language code): the language of this value
	Note that this is a multilingual field and should only have one entry per language.		
	type	value('undetermined', 'institutional', 'disciplinary', 'aggregating', 'governmental'); the type of repository	
	notes	text: additional information about the repository	
	url	URL: the url of the repository	
oai_url	URL: the url of the primary OAI interface		
software	object: the repository's software platform		
content_types	array of values('journal_articles', 'bibliographic_references', 'conference_and_workshop_papers', 'theses_and_dissertations', 'unpub_reports_and_working_papers', 'books_chapters_and_sections', 'datasets', 'learning_objects', 'software', 'patents', 'other_special_item_types'); The types of items in the repository		
content_subjects	Integer: the content of the subjects		
	1	Multidisciplinary	
	2	Science General	
	3	Agriculture, Food and Veterinary	
	4	Biology and Biochemistry	
	5	Chemistry and Chemical Technology	
	6	Earth and Planetary Sciences	
	7	Ecology and Environment	
	8	Mathematics and Statistics	
	9	Physics and Astronomy	
	10	Health and Medicine	
	11	Technology General	
	12	Architecture	
	13	Civil Engineering	
	14	Computers and IT	
	15	Electrical and Electronic Engineering	
	16	Mechanical Engineering and Materials	
	17	Arts and Humanities General	
	18	Fine and Performing Arts	
	19	Geography and Regional Studies	
	20	History and Archaeology	
	21	Language and Literature	
	22	Philosophy and Religion	
	23	Social Sciences General	
	24	Business and Economics	
	25	Education	
	26	Law and Politics	
	27	Library and Information Science	
	28	Management and Planning	
	29	Psychology	
	Note that the content types may be reviewed in the future and are subject to change.		
	metadata_record_count	Integer: the number of records in the repository (with or without a document attached)	
	full_text_record_count	Integer: the number of records in the repository with a document attached	
	organisation	object: the organisation responsible for this repository	
		name	array of objects: the name of the organisation
			name
acronym			text: a short-form for the name
preferred			value('name', 'acronym'): which is preferred
language			value(two-letter language code): the language of this value
Note that this is a multilingual field and should only have one entry per language.			
url		URL: the url of the organisation	
country		value(two letter country code): the country of the organisation	
notes		text: organisation notes	
policies	object: repository policies. Note that this section is currently under review and may change soon.		

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