

Zotero data model

Zotero data model

Overview

- * Each item in Zotero has an itemType (e.g., document, letter, manuscript, artwork).
- * Each itemType has certain fields (e.g., title, abstractNote, language).
- ** Some fields (e.g., title, abstractNote) appear in most itemTypes.
- ** Other fields appear in only a few itemTypes: for example "interviewMedium" only appears in an interview.
- * Item types and fields are defined in [system.sql|https://www.zotero.org/trac/browser/extension/trunk/system.sql]
- * The U.S. English labels of itemTypes and fields are in [zotero.properties|https://www.zotero.org/trac/browser/extension/trunk/chrome/locale/en-US/zotero/zotero.properties]
- * In the Zotero UI, most fields are in the "Info" tab.
- ** Each of the fields in the "Info" tab can only have one value with the exception of creator, which is repeatable.
- *** *creator* is also customizable in ways that other fields in the "Info" tab are not:
- **** can choose a different field label (a.k.a creatorType) (e.g., artist, composer, author)
- **** can display name as two fields or one
- ** **The following fields are system-generated (not editable): *dateAdded, *dateModified***
- *** *source* is atypical but I'm not sure exactly how
- * The other tabs (i.e., not "Info") contain repeatable fields:
- ** *notes*
- ** *attachments*
- ** *tags*
- ** *related*
- ** These (as well as creator) are defined in [userdata.sql|https://www.zotero.org/trac/browser/extension/trunk/userdata.sql], not in system.sql

itemTypes Table

```
|| itemTypeID || typeName ||
| 12 | artwork |
| 14 | attachment |
| 26 | audioRecording |
| 16 | bill |
| 23 | blogPost |
| 2 | book |
| 3 | bookSection |
| 17 | case |
| 32 | computerProgram |
| 33 | conferencePaper |
| 36 | dictionaryEntry |
| 34 | document |
| 21 | email |
| 35 | encyclopediaArticle |
| 11 | film |
| 24 | forumPost |
| 18 | hearing |
| 25 | instantMessage |
| 10 | interview |
| 4 | journalArticle |
| 8 | letter |
| 5 | magazineArticle |
| 9 | manuscript |
| 22 | map |
| 6 | newspaperArticle |
| 1 | note |
| 19 | patent |
| 31 | podcast |
| 27 | presentation |
| 30 | radioBroadcast |
| 15 | report |
| 20 | statute |
| 7 | thesis |
| 29 | tvBroadcast |
| 28 | videoRecording |
| 13 | webpage |
```

fields Table

- * For fields in the "Info" tab
- * These can only hold one value.

```
|| fieldID || fieldName || Comments ||
```

90	abstractNote	
27	accessDate	
103	applicationNumber	
19	archiveLocation	
59	artworkMedium	
61	artworkSize	
48	assignee	
80	audioFileType	
71	audioRecordingType	
93	billNumber	
107	blogTitle	
115	bookTitle	
18	callNumber	
111	caseName	
36	code	
55	codeNumber	
95	codePages	
94	codeVolume	
46	committee	
83	company	
84	conferenceName	
102	country	
44	court	
14	date	
	dateAdded	system-generated
96	dateDecided	
100	dateEnacted	
	dateModified	system-generated
86	dictionaryTitle	
21	distributor	
99	documentNumber	
26	DOI	
6	edition	
85	encyclopediaTitle	
105	episodeNumber	
22	extra	
98	firstPage	
104	forumTitle	
42	history	
31	institution	
64	interviewMedium	
11	ISBN	
13	ISSN	
5	issue	
52	issueDate	
	itemType	constrained values in a pull-down menu; governs which fields display
25	journalAbbreviation	
72	label	
87	language	
54	legalStatus	
41	legislativeBody	
65	letterType	
66	manuscriptType	
67	mapType	
75	meetingName	
112	nameOfAct	
78	network	
60	number	
45	numberOfVolumes	
10	pages	
50	patentNumber	
7	place	
79	postType	
74	presentationType	
51	priorityNumbers	
114	proceedingsTitle	
88	programmingLanguage	
12	publicationTitle	
101	publicLawNumber	
8	publisher	
53	references	
43	reporter	
97	reporterVolume	
92	reportNumber	
32	reportType	
62	repository	
2	rights	
77	runningTime	
68	scale	

15	section	
3	series	
30	seriesNumber	
29	seriesText	
28	seriesTitle	
40	session	
116	shortTitle	
	source	lookup from translator (and labeled as "Repository")? or comes from /mods/recordInfo/recordContentSource?
76	studio	
113	subject	
82	system	
69	thesisType	
110	title	
89	university	
1	url	
81	version	
63	videoRecordingType	
4	volume	
91	websiteTitle	
70	websiteType	

creatorTypes Table

	creatorTypeID		creatorType	
22	artist			
15	attorneyAgent			
1	author			
20	cartographer			
11	castMember			
23	commenter			
18	composer			
2	contributor			
13	counsel			
8	director			
3	editor			
25	guest			
6	interviewee			
7	interviewer			
14	inventor			
17	performer			
26	podcaster			
24	presenter			
10	producer			
21	programmer			
16	recipient			
27	reviewedAuthor			
9	scriptwriter			
5	seriesEditor			
12	sponsor			
4	translator			
19	wordsBy			