

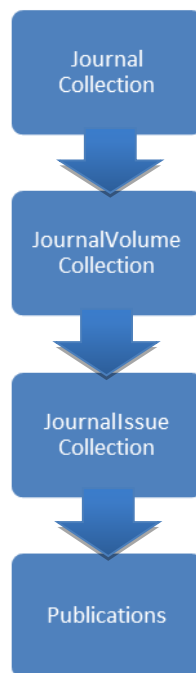
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## ***Implementing a full Journal authority in DSpace 7/8***

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DSpace supports full entity structure for a journal publication hierarchy for the journal, its volumes, its issues and the publications in each issue.

To implement Journal, JournalVolume, and JournalIssue entities in Dspace 7/8, we will need to structure the submission forms and metadata to reflect this hierarchy:



**Journal Collection:** The Journal Collection will represent the entire journal. Each journal will be a top-level collection, and volumes and issues will be child collections under this.

Fields might include:

- Journal title (dc.title)
- ISSN (dc.identifier.issn)
- Publisher (dc.publisher)
- Subject (dc.subject)

**JournalVolume Collection:** We will have a separate collection of volumes for each journal. Each volume collection will be associated with one journal

Volume number (dc.identifier.volume)

Year (dc.date.issued)

Linked to the parent journal collection. dc.relation.ispartof

dc.relation.ispartof: This will help establish a hierarchical relationship. Example:

Journal Volume is part of the Journal.

**JournalIssue Collection:** We will have a separate collection for each volume. Each issue will be linked to its corresponding volume.

Issue number (dc.identifier.issue)

Date of issue (dc.date.issued)

Linked to the parent volume collection. dc.relation.ispartof: This represents

JournalIssue is part of the JournalVolume

### Journal to publication direct

Another alternative is to link publications directly to a journal in DSpace, without using intermediate entities like JournalVolume and JournalIssue. This approach simplifies the relationship by directly associating the publication with its parent journal collection.



The advantages of Direct Linking are:

- **Simpler Workflow:** No need to manage intermediate entities like JournalVolume and JournalIssue.
- **Direct Association:** Links the publication directly to its journal, reducing complexity.
- **Flexible Display:** Easy to customize the display of linked items in the user interface.