

# Development Proposals

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## What is a Proposal?

**"Proposals" definition:** Proposals detail ideas, brainstorms or potential solutions to a known issue or problem in the code, community or process. Proposals may recommend changes we could make that may help us resolve issues we've encountered in the past. A few examples: a proposal could recommend accepting or adding a new technology, changing an API, or changing how we interact as a team or plan new releases of the software.

### "Special Topics" versus "Proposals"

- [Special Topics](#) are higher level topics/questions/problems which need to be addressed or discussed. They may include some details or background about the problem domain, but should not suggest any particular solutions to the problem.
- [Development Proposals](#) should present potential solutions to the problem. One Special Topic (e.g. "How can we better handle Preservation Metadata?") may result in many Proposals (e.g. "Option #1", "Option #2", "Combo of Option #1 and #2", etc.)

## Overview: Adding a new Proposal

This page is a place to post new proposals for review by DSpace Community and/or Developers. New proposals can recommend any sort of change to solve an existing or perceived problem/issue. A few examples: a proposal could recommend accepting or adding a new technology, changing an API, or changing how we interact as a team or plan new releases of the software.

### To add a new proposal:

1. Please create a sub-page for the details of your proposal. In your details you should describe the reasons behind your proposal. *Your proposal need not be flushed out completely* – even initial ideas are welcome, especially if they can start to answer some basic questions:
  - Why do you feel this will help DSpace Software or our Community as a whole?
  - What problem(s)/issue(s) are you trying to solve?
  - How do you feel your proposed solution could resolve these problems/issues?
2. Once your proposal is ready for review/comments, add the appropriate label to classify your proposal below, but including an {excerpt} marco in your proposal page you can include a description of your proposal below.
  - Feel free to add additional proposal categories below if your proposal does not fit into an existing category.
3. Announce that you have a new proposal posted for comment/review. The best way to announce this is via either a mailing list, or at a [DSpace developers meeting](#) (if it is a technology proposal)

### To comment on an existing proposal

1. Visit the proposal page and either comment on the proposal directly, or add your thoughts on the "discussion" page.
2. Please keep comments constructive. Give reasons why you agree/disagree to help us improve upon the proposal.

## Development Proposals

Place for proposals about underlying development and technology changes in the software (e.g. API changes, architecture/design changes, etc.). Technology changes may need to be sub-categorized if we start to receive many different levels of proposals.

To include your proposal here create a new Sub-page under this page.

- [Hierarchical Metadata Support - LOM and MODS](#)
- [Installer Brainstorms](#)
- [i18n Improvements Proposal](#)
  
- [DS-1134](#): multilingual metadata for communities/collections