EasyReview for Dataverse
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Dataset Reviews
Current state

• **Dataset reviews** are an important part of RDM to guarantee high quality data

• Usually done either by *admins* or *dedicated persons* of a Dataverse
Dataset Reviews
Current state

• Carried out via **Mail** communication from reviewer to user

Workflow

1. User submits dataset for review
2. Admin review contents and checks files
3. Manually written report
4. User implements changes
Dataset Reviews
Flaws in the current workflow

- Manual reports may be **incomplete** or not **verbose** enough
- Mail is **inefficient** and reviews may be **overseen**
- **Traceback** of reviews can be tedious when going through mails
- Hard to **distribute** review to **experts** without guidelines
Dataset Reviews
Requirements to a software solution

Streamlined review process
- Accept, decline and comment on each field
- Suggest other fields that may be relevant

Transparent review report
- Platform where users can answer to comments
- Storing a review history to traceback errors
Dataset Reviews
Requirements to a software solution

Distribute reviews

- Invite experts to review datasets via URL
- Per field guidelines for any new reviewer

Collect multiple reviews

- Provide a way to present multiple review to a user
EasyReview
Overview

• Web-based app to **review datasets** from any Dataverse installation in the web

• Provides an UI to give **feedback per field** and suggest changes

• Can be **shared** with user by a **generated link**

• Utilizes **EasyDataverse** in the backend
EasyReview
The stack
- Add EasyReview as an external tool to your Dataverse installation
- Overview of all fields per metadatablock
- Per-field options to perform the review
- Accept a field if it is compliant
- Decline a field if it is not compliant
- Suggest changes to a field
- Chat for details and questions
- Share a field view for your peers
• Accept a field if it is compliant
• Decline a field if it is not compliant
• Suggest changes to a field
• Chat for details and questions
• Share a field view for your peers
• Suggest changes to a field via the suggestion box
• Visible and acceptable/declinable to the user

Suggest
Within this field you are able suggest changes to a field. Changes made will be documented and are revertible.

Test Dataverse Uploader for Python

SUBMIT
• Chat per-field basis to clarify concerns and jointly optimize the dataset
• Any Reviewer can contribute to chats
• Still under development (Chats are difficult to implement 😞)

Chat
Stay in contact by using direct messages. Within this feature both reviewers and users are able to communicate.

Is DVUploader the actual name of the library? Would you like to add more information to the title, otherwise users may not be aware that it is a Dataverse Tool.

Yes, it is the name of the library. Thus, I modified your suggestion to include both.
- Suggest changes to a field via the suggestion box
- Visible and acceptable/declinable to the user
- Every suggestion is tracked and revertible (WIP)
Track progress of your review and don’t miss important fields
• Once finished, share your review with the user
• Or if something is unclear → Share it with your peers
• Upon publication, all entries in the EasyReview DB are deleted
EasyReview

→ Live demo
EasyReview
Outlook

- Develop a review **strategy and functionality for files**
- Easy-to-use **deployment** of EasyReview
- Interface to ingest **custom guidelines**
- **Automatic validation** of „simple“ fields
- Finalize **work-in-progress features**
Thank you!

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