First Community Workshop

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Concept

General

Date and location

The workshop takes place on 12th of October, 2018 at 10 a.m. – 5:30 p.m. at DFN, Berlin.

Number of participants

We await that about 18 - 20 members of our research communities attending the workshop. On the GeRDI side there will be an equal number of participants.

The GeRDI project is represented by members of the steering committee, the community managers as well as the project manager. As some community managers are also working on the developer side of the GeRDI project they will also cover the developers perspective.

Roles of the GeRDI team

The community managers act as supporters for their research communities and help to moderate and to protocol the workshop. The members of the steering committee are supposed to be moderators. The project manager is a host of the community workshop.

Language of communication

Since some of our community members speak only English we decided to conduct the whole workshop in English.

Preconditions

All presentations and discussions on GeRDI focus on our project proposal as well as related to the data lifecycle in particular.

The GeRDI Prototype (Release 0.3) will be presented and tested during the workshop: The services *Search* (incl. faceted search), *Bookmark* and *Store* are available as a Live-System. (A fallback solution will be a stable Release 0.2.)

Other features like *Geo-Location Search* or *Image Browser Preview* or other Services, e.g. *Preprocess* or *Analysis Service* could additionally be represented with a click prototype.

It is in the responsibility of our community managers that every research community partner will be acquainted with the current existing GeRDI system (e.g. paper prototype, click prototype or test system) during one of the interview rounds before the workshop.

Our research community partner will be prepared for the workshop by the community managers, e.g. expectations on the workshop, preparation of community presentation (cp. agenda).

Target groups

We invite the members of our user committee, researcher of our partner communities and representatives of the community repositories (SOEP or AlpEnDAC). It is up to the community managers to decide whether the repository representatives should attend the workshop.

Topic

We suggest "To what extent can GeRDI support your research work?" as a topic for the workshop.

Objectives

- Get feedback on the GeRDI Prototype (Release 0.3) related on
  - use cases
  - existing services
  - current needs along the DLC
  - Introduction of and network among communities with a special emphasize on
    - Interest in research data
    - common research + the potential for cross-community collaboration
    - interdisciplinarity

Agenda

TOP 1: Introduction talk about GeRDI – Presentation of the Release 0.3

At the very beginning of the workshop we would like to introduce GeRDI: from our mission and vision, through our work and co-work towards the Release 0.3: *Search, Faceted Search, Bookmark, Store*. We would like to present to our communities' the possibilities that GeRDI offers, address the challenges of the research data infrastructures and emphasize the importance of the cooperation with research communities.

TOP 2: Communities present their research workflows – Open Discussion

We would like to ask the community member to present briefly their work and research workflows. These presentations are supposed to be prepared beforehand with the help of community managers. Different media will be in use: Presentation, poster, talk. Topics to address are: research field and questions, used research data, research workflows.

After the presentation we suggest to start a discussion about the discipline-specific work of the community members and asking about their attitude towards a supportive system as GeRDI is. This is seen as an appropriate starter for a discussion on multidisciplinary research and whether the communities could imagine using GeRDI, exploring data sets as well as using and working with research data of other research disciplines.

TOP 3: World Café: GeRDI Services

As an interactive part of the workshop we propose a World Café: One table – one GeRDI service. We capture the release 0.3 presentations and let the communities try the GeRDI system. In this way we plan to receive the shared minded feedback from communities. We would like to ask the participants to work in pairs on some tasks on every table, so the GeRDI team can watch and follow how the community members operate. They can share their experience with each other and with the GeRDI team.

World Café

Procedure

- 5-10 minutes an Introduction to the interactive parts
    - Goals
    - "Play rules"
    - Opportunity to test in the break after the World Café
- 15 - 17 minutes slot for a table
    - Session switch on alarm
- Possible table routings

Moderator

- List of groups
- Question guideline
- Tool box for moderators /minutes keepers
- Guidelines for questioning

Participants

- Card with tasks
- List with routes for the table
- List with the group members

Table 1: Store

The store service allows you to store the data sets from the collections to the cloud services as LRZ Sync&Share.

Please think aloud while performing a task

(Start screen is https://showcase.test.gerdi.org/#/bookmark)

English	Deutsch

1. Please take a look on the data sets from the *paper_research* collection
2. Please store the *paper_research* collection to the cloud
  o Trigger the store interaction
  o Select the provider (WebDav)
  o Your data is:
    ▪ Domain:
 	
https://syncandshare.lrz.de/webdav
 	
    ▪ Name:
    ▪ Password:
  o Upload the data sets to the folder *paper_project*
	1. Bitte sehen Sie sich eines der Datasets in der Collection "paper_research" an.
	2. Bitte speichern Sie in die Collection "paper_research" in der Cloud
	  o Lösen Sie die Store-Interaktion aus
	  o Wählen Sie den Provider (WebDav)
	  o Ihre Daten sind:
	    ▪ Domain:
	
	https://syncandshare.lrz.de/webdav
	
	    ▪ Name
	    ▪ Passwort:
	  o Bitte laden Sie die Datensätze in das Verzeichnis "paper_project" hoch

Question session

	Lead Questions	Help Questions
1.	Does this GeRDI-Workflow support your way of storing data?	• Why not? Could you give some examples for a better support? • Have you missed something? What? • What could we do better?
3.	What would you like to do next in this service?	• How would you like to proceed with stored data?
3.	What could GeRDI do differently in the store service?	• How could GeRDI help? • Do you have ideas for other features for this service?

Table 2: Bookmark

Short description

The bookmark service gives the users the opportunity to pin the data sets and to gather them into collections. The idea is to help users to trace the research and to provide reproducibility.

Please think aloud while performing a task

You are now on the page, that represents the search results, we searched for you. Please take a moment to get oriented on the page.

(Start screen is https://showcase.test.gerdi.org/?#/results?q=esri)

English	Deutsch

1. Please add one of the search results (e.g. Esri Drought Tracker) to a new collection
   ○ Name the collection (e.g. Test collection)
2. Please add two more data sets to an existing collection with name "Collection XY"
3. Please take a look at the existing collections
   ○ Start screen (https://www.test.gerdi.org/#/bookmark)
   ○ Please find a collection you created
   ○ Please list the records stored in the collection "Collection XY"
   ○ Can you tell me at what day some collections were created?
	1. Bitte fügen Sie ein Suchergebnis (z.B. Esri Drought Tracker) einer neuen Kollektion hinzu.
	   ○ Nennen Sie die Kollektion bspw. „Test collection"
	2. Bitte fügen Sie zwei weitere Datensätze zur Kollektion mit dem Namen „Collection XY" hinzu.
	3. Bitte sehen Sie sich die vorhandenen Kollektionen an.
	   ○ Bitte finden Sie von Ihnen erstelle Kollektion
	   ○ Bitte lassen Sie sich die Datensätze anzeigen, die in der Kollektion „Collection XY" abgelegt sind
	   ○ Können Sie mir sagen, an welchem Tag einige der Kollektionen erstellt wurden?

Question session

	Lead Questions	Help Questions
1.	Does this GeRDI-Workflow support your way of handling the bookmarking?	• Why not? Could you give some examples of a better support? • Have you missed something? What?
2.	Is the representation of the bookmarked data sets in collections intuitive for you?	• Do you miss something? What do you miss? • What could we do better?
3.	What would you like to do next in this service?	• How would you proceed with bookmarked data sets? • How you could proceed with collections?
4.	What could GeRDI do differently in the bookmark service?	• What could we do better? • Do you have ideas for other features?

Table 3: Search

The idea of the search service is to let users search for the data with the help of the keyword search. This search is supported by the metadata of different communities and disciplines. Furthermore this service provides the filter functionality, that should help users to narrow down the search results according to different facets. A part of the search service is the representation of the search results.

Try session

Please think aloud while performing a task

(Start screen is https://showcase.test.gerdi.org/?#/)

English	Deutsch
1. Please search for the term "water" 2. How many results are found? 3. Please narrow down the results according to following parameters: o Let you show a data that are published in years 2008 and 2012, that were published through PANGAEA in English o Please take a look at one of the search results (Please open it in a new Tab) 4. Please revert all year filters	1. Bitte suchen Sie nach dem Begriff "water". 2. Wie viele Resultate erhalten Sie als Ergebnis? 3. Bitte schränken Sie die Suchergebnisse mit folgenden Parametern ein: o Lassen Sie sich nur Datensätze mit den Erscheinungsjahren 2008 und 2012 anzeigen, die auf PANGAEA in englischer Sprache vorliegen o Bitte sehen Sie sich eins der Ergebnisse genauer an (Bitte in einem neuen Tab öffnen) 4. Bitte entfernen Sie alle Erscheinungsjahresfilter

Question session

	Lead Questions	Help Questions
1.	Does GeRDI support your search workflow?	• Why not? Could you give some examples of a better support? • Have you missed something? What?
2.	Is the representation of search results good (thorough) enough?	• Do you miss something? What do you miss?
3.	What could GeRDI do in another way in the search service?	• What could we do better? • Do you have ideas about other features?

Table 4: Training Concept

Giving information, explanations for GeRDI handling.

	Lead Questions	Help Questions
1.	What were the challenges for you? Did you stumble about something?	• Using the interface • Understanding the task, the wording, the services
2.	Which information would you like to have had before testing? Or do you miss some information at all?	• Knowledge to use the interface • Background knowledge for the GeRDI services: "How to profit from." • Background knowledge in general, e. g. for "best search results" • Any other additional information needed?
3.	Do you know the FAIR principles?	• If yes, do you take care that your own data complies with these FAIR principles? • How important are open access, open science topics for you?