

Käyttötapauksia - Tutkijan datapalvelut

Tavoite

Ehdotusluonnos (2.4.2019/Pauli Assinen): Pää tavoitteena on selvittää, voidaanko palvelujen käyttöä edistää ryhmittelemällä niitä käyttötapausten mukaan.

Tehtäviä

1. Tavoitteesta sopiminen.
2. Käyttötapausten kerääminen ja työstäminen.
3. Palvelujen liittäminen käyttötapauksiin.

Käyttötapauksia

HY/MILDRED-projektin käyttötapauksia

Planning

	Role	What	Why	Comments
1. AWARENESS	As a researcher	I want to learn which storage option would suit my needs / which features are relevant to me	so that I can choose the best one.	x
	As a researcher with data storage needs	I want to learn about costs of storage options before committing to a purchase	so that I can estimate whether I can afford the storage or not.	
	As a researcher	I want to know if I have storage space left	so that I don't get unnecessary space.	
	As a researcher	I would like understand prior to getting the data storage space, what will happen to my data/storage when my affiliation at the University ends	so that I can plan ahead.	
2. COMPAR E STORAGE OPTIONS	As a researcher	I want to be able to browse available storage options (such as <u>price</u> , <u>capacity</u> , <u>scalability</u> , whether the storage resides on Univ. of Helsinki servers or not etc.) and their features <u>without logging in</u>	so that I can learn about available options as easily as possible.	
	As a researcher with data	I want my data storage to <u>support multiple different types of metadata</u> for different datasets.	so that I can use a single storage for multiple types of research data.	
	As a researcher	I want my storage space to have <u>version control</u>	_so that I am able to revert my work.	
	As a researcher	I want to decide if I <u>should buy new</u> storage space (new group, new users, new technical requirements) or should I just <u>enhance</u> one of my <u>current</u> spaces	so that I can optimize my data storages.	
	As a researcher	I would like to know about data security regarding different storage options prior to decision	so that I can make just decision (e.g. based on funder requirements)	
	As a researcher	I want my storage space to have fast connection	so that I can deliver my data across different calculation systems fast.	
	As a researcher with data storage needs,	I want to be able to have, manage and easily access multiple user interfaces to my data (such as browser based graphical user interfaces for audio/video/table, machine-readable interfaces, a mountable path for operating system etc.)	so that I can access the data in a way that suits me best.	
	As a researcher	I want to use storage options that are compatible with different kinds of software	so that I can use and analyse my data easily.	
	As a researcher	I want to have a storage solution that includes graphical user interfaces for accessing my data	so that I can make conclusions faster.	
	As a researcher with data storage needs,	I want to access my storage as soon as I've completed the purchase (instantly)	so that I can start using my storage right away.	

	As a researcher purchasing network storage	I want to be able to set/limit access control to my network storage and its files	so that my colleagues can access the data/storage as quickly as possible and I can limit use of particular files (i.e. can prevent downloading video files while allowing streaming).	
3. BUY	As a researcher with data storage needs,	I want to be able to pay for my storage in advance for a predetermined period	so that I can pay whenever I happen to have funding available.	
4. EXPERT SERVICE:	As a researcher with data storage needs	I want someone else to evaluate my data storage needs and choose the most suitable option for me	so that I can avoid wasting time on learning /comparing technical details.	
	As a researcher with data storage needs	I want to know who to contact for additional data storage related questions	so that my questions won't go unanswered.	
	As a researcher,	I want to know whether there's expertise available for my particular problem before contacting data support services	so that I can avoid wasting my time / avoid embarrassment.	
	As a researcher / customer for data support services	I want to be able to reach an expert without delays	so that I can get my questions answered quickly.	
	As a researcher,	I want to contact data support using a method I choose (phone, email, form, chat)	so that I can see the service meets my needs and makes me happy	
5. SERVICE PROVIDER	As a data storage service provider	I would like know what to do when data owner leaves University	so that I can do my job properly.	
6. DATA MANAGEMENT PLANS (DMP)	As a grant applicant writing DMP demanded by funder	I want to find information about the research data management best practices appreciate by funders and funder requirements	in order to get money.	2
	As a research group	we want to get comprehensive checklist of topics in a good DMP	in order to write down and improve the data pipeline/process used in the research group.	
	As researcher	I want to write DMP together with colleagues	in order to get comments easily from all members of the research group or collaborators.	
	As a researcher	I want to update existing DMPs when the data management process/methods has changed or are more clear,	to keep DMP up to date to avoid conflicts and errors in data management of the research project.	
	As a new researchers in a research group	I want to find the DMP used by my research group in order to be able to follow right data management procedures.	in order to be able to follow right data management procedures.	
	As a researcher or student	I want to be able to send my DMP for reviewing	in order to be sure that the DMP is OK.	1
	As a student	I want to find information and a template needed to write a DMP	to pass the course requiring a DMP.	
	As a DMP support staff member	I can easily review and comment DMPs	in order to help researchers to get money from funders and to spread RDM best practices.	2
	As a DMP support staff member	I can maintain guidance related to DMPs in one place which is easy to find and access by researchers	to avoid wasting my time while writing guides nobody finds or reads	

Storing (during a project)

	Role	What	Why	Comments
	As a data creator	I want to choose a data storage provided by UH	so that the storage best suits requirements of the data.	
	As a data creator	I want save my data to storage	so that it will be accessible during and after research project.	
	As a data creator	I want to set and change data privileges	so that other users can access the data.	
	As a project coordinator	I want to give/remove data privileges to researchers	so that they can use/stop using the data in their research.	

	As an external researcher	I want to use data or part of data submitted to UH storage	so that I can do my own research.	
	As a researcher	I want to export data from storage to an external service	so that an external researcher can access it.	1
	As a researcher	I want to permanently export data from one storage to another service	since the new storage meets my data needs better.	
	As a storage admin/project coordinator/Researcher	want to re-organize/change hierarchy of data sets	so that the data is better accessible and/or more logically organized.	

Reuse, publishing, opening and sharing

	Role	What	Why	Comments
	As a researcher /research coordinator/PI	I want to know what kind of contracts I need to make	to be able to open/give access to my data/data of our research group.	3
	As a researcher /research coordinator/PI	I want tools for making/writing contracts	that enable me to open/give access to my data/data of our research group.	3
	As a researcher	I want to learn about repository services and find the best repository services	to publish my data sets to get maximum visibility, citations and increase impact of my research and to save money and effort in the future.	3
	As a researcher	I want to learn about repository services to find the best repository where to publish metadata of my research data	to get maximum visibility, citations and increase impact of my research and to save money and effort in the future.	3
	As a researcher	I want to make public version of the data set	so that it can be saved into repository or data bank, etc. to save money and effort in the future (=> no need to maintain data by myself on network or hard drive anymore)	
	As a researcher	I want to make public version of metadata of my data set into repository	to increase visibility and promote findability in order to get more potential collaborators and increase impact of my research.	2
	As a researcher	I want to be able to share a link to my research data	in order to give access to the data (saved in my institutional repository or else where).	
	As a researcher	As a researcher I want to be able to share a persistent link to my research data	in order to give access to the data (saved in my institutional repository or else where).	
	As a researcher	I want to save securely protected non public version of the data set into repository or data bank, etc.	to save money and effort in the future (=> no need to maintain it by myself on network or hard drive anymore)	
	As a researcher	I want to save securely protected non public version of the data set into repository or data bank	to give it for others to reuse internally on my own research department.	1
	As a researcher	I want to save securely protected non public version of the data set into repository or data bank	to give it for others to reuse if they pass ethical review process or review of Data Access Committee (DUC). After the review they can get the access right to the data.	
	As a PI	I want to share research data of my research group in a repository where I can see all publications written where the data we shared has been used.	With the usage data and citations, we get merit, we promote our work and find new co-workers	