Collaboration Step by Step

A short overview of BBMRI-ERIC's Common Services IT

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BBMRI

Biobanking and BioMolecular Resources Research Infrastructure



European Research Infrastructure Consortium



establishing, operating and developing a pan-European distributed research infrastructure of biobanks and biomolecular resources



Partners



Common Service IT Goals: Deliver...

Expertise

Services

Tools

Tasks and activities of BBMRI-ERIC

WPO – Project management

Planning and coordinating tasks

Timetable management and revision

Reporting to BBMRI-ERIC and committees

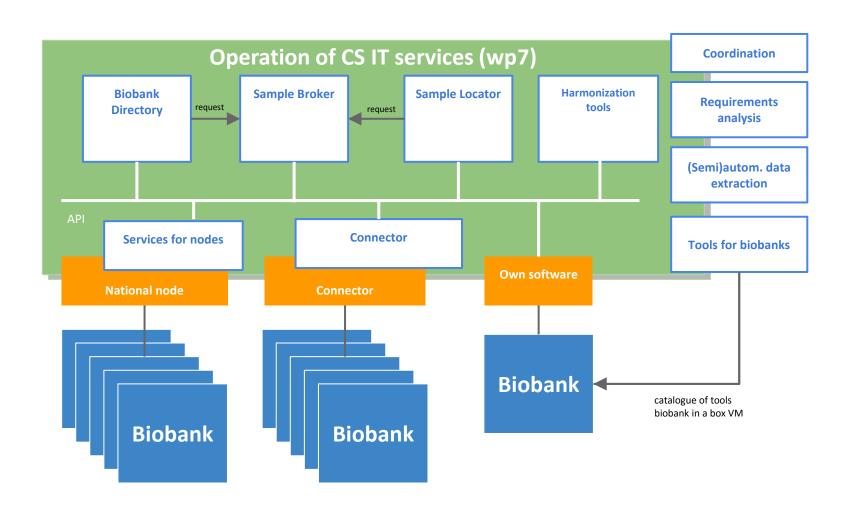
WP1 – Directory service

Enable researchers, biobankers, funders and policy makers to **find** biobank samples and **data collections**

Help **national nodes** and **consortia to integrate** with the directory network

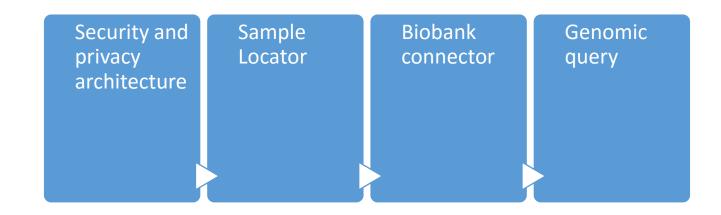
Enable BBMRI-ERIC to easily **manage** and **expand** the directory service

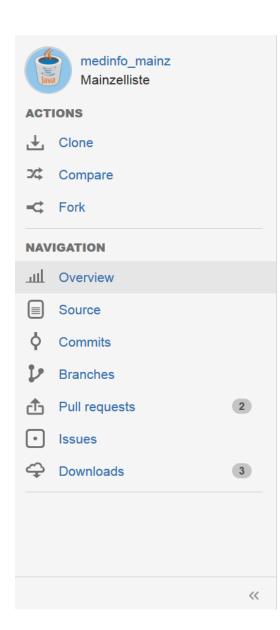
Common Service IT Overview



WP2 – Sample Locator

Finding a sample Requesting a sample





Access level Read 3 8
Forks Watchers

Mainzelliste

Mainzelliste is a web-based first-level pseudonymization service. It allows for the creation of personal identifiers (PID) from identifying attributes (IDAT), and thanks to the record linkage functionality, this is even possible with poor quality identifying data. The functions are available through a RESTful web interface.

Further information and documentation on Mainzelliste can be found on the project web page of the University Medical Center Mainz.

In order to receive up-to-date information on the project, you can register to be on our mailing list.

The following article describes the underlying concepts of Mainzelliste and the motivation for its development. Please cite it when referring to Mainzelliste in publications:

Lablans M, Borg A, Ückert F. A RESTful interface to pseudonymization services in modern web applications. BMC Medical Informatics and Decision Making 2015, 15:2. http://www.biomedcentral.com/1472-6947/15/2.

Release notes

1.4.2

Fixes an encoding error in German language properties file. This version can be skipped by users who do not use the HTML interface or use their own JSP files.

Sign up for free

Recent activity 🔊



Pushed to medinfo_mainz/mainzelliste

cfc019c Misplaced text removed from REA...

Andreas Borg · 2015-07-29



ESID PatientList now up to date with n...

Pull request #23 updated in medinfo_mainz/mainzelliste

Benjamin Gathmann · 2015-07-13



1 commit

Pushed to medinfo_mainz/mainzelliste

30d687a Release notes v1.4.2, updated ve...

Andreas Borg · 2015-05-19



1 commit

Pushed to medinfo mainz/mainzelliste

0e70df4 Fixes encoding error in German la...

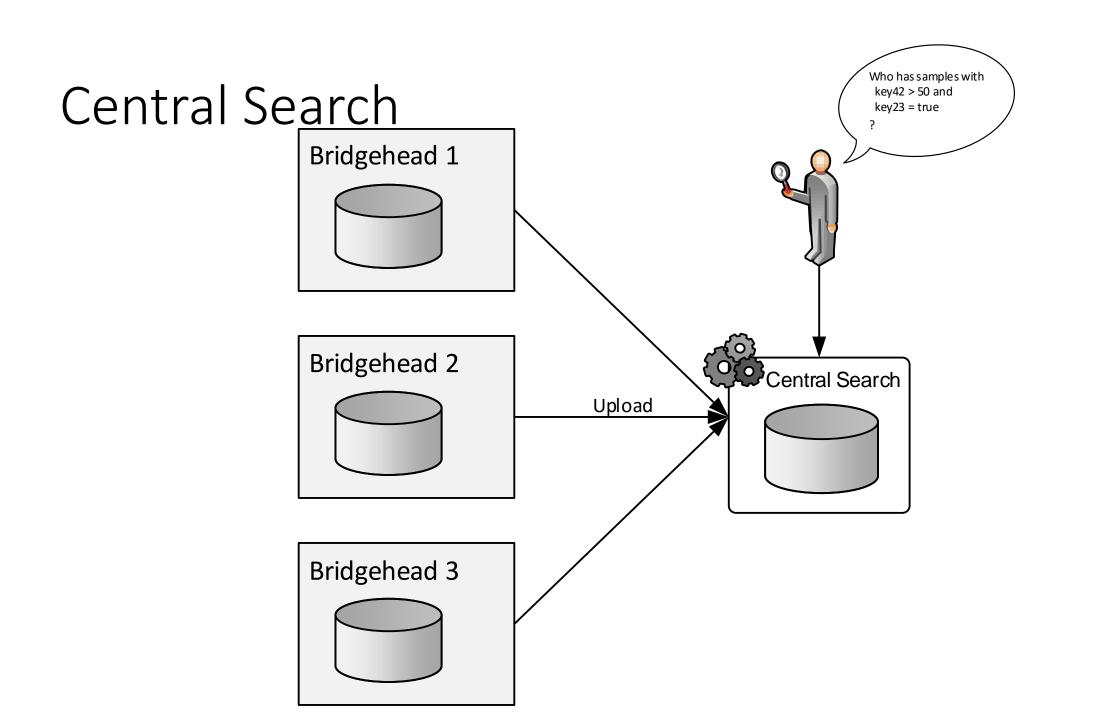
Andreas Borg · 2015-05-19



18 commits

Pushed to medinfo_mainz/mainzelliste

a099083 Release 1.4.1



Partnerstandorte

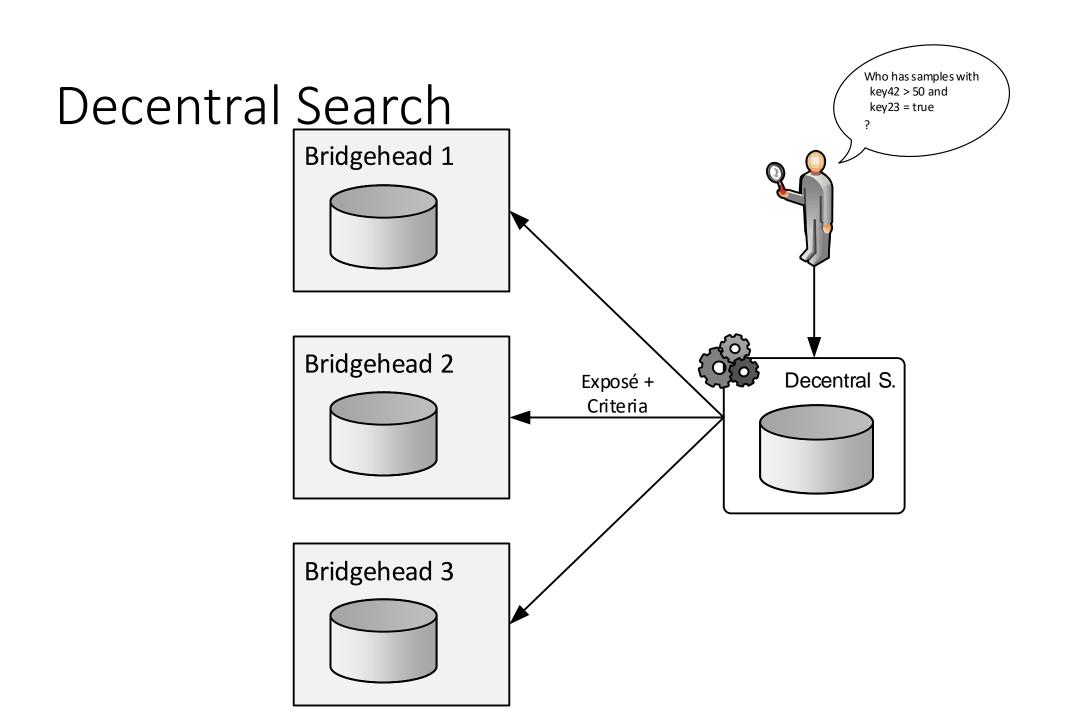


The Need for Decentral Search

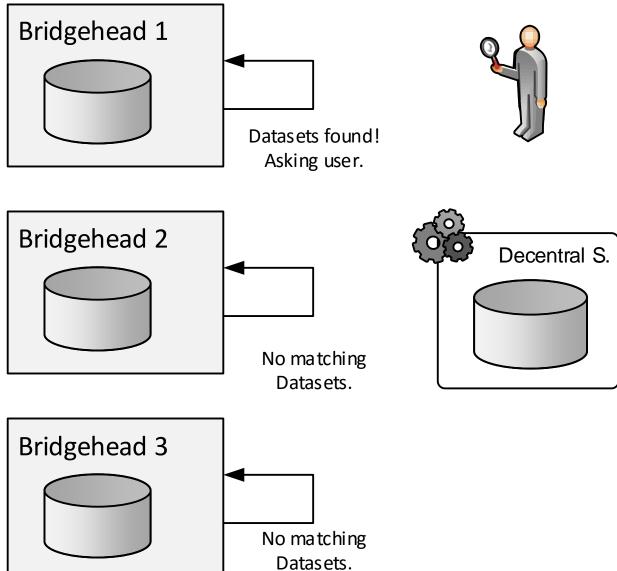
• Problem 1: Data Protection

Problem 2: Data Sovereignty

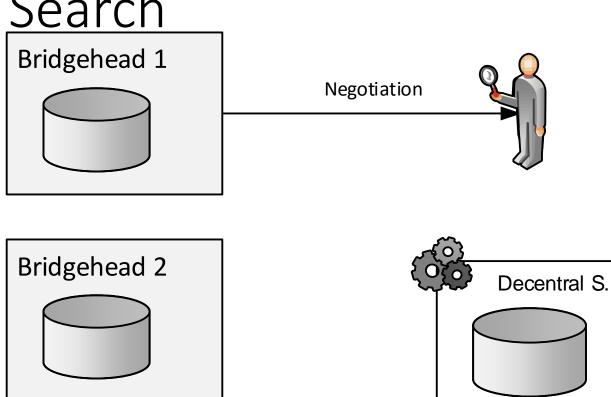
Search method	Central Search	Decentral Search
Informed consent	required	optional
Data collection	2015 and later	(even) before 2015
Width of data record	MDS-K/MDS-B	ADT + "ALL" (MDR)
Data upload	yes	no

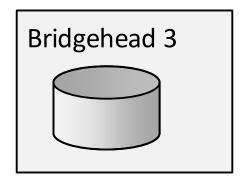


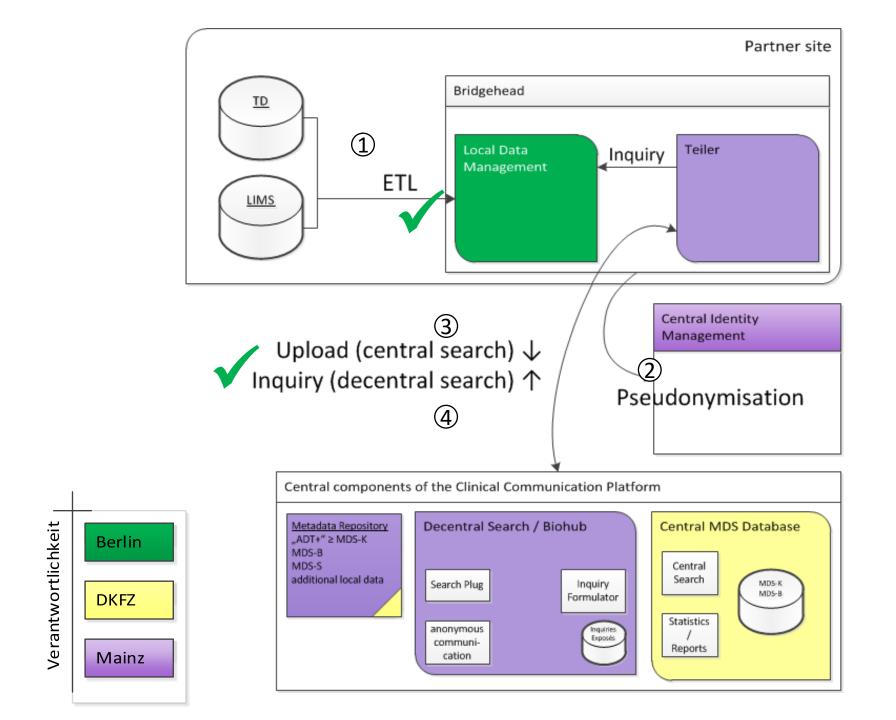
Decentral Search

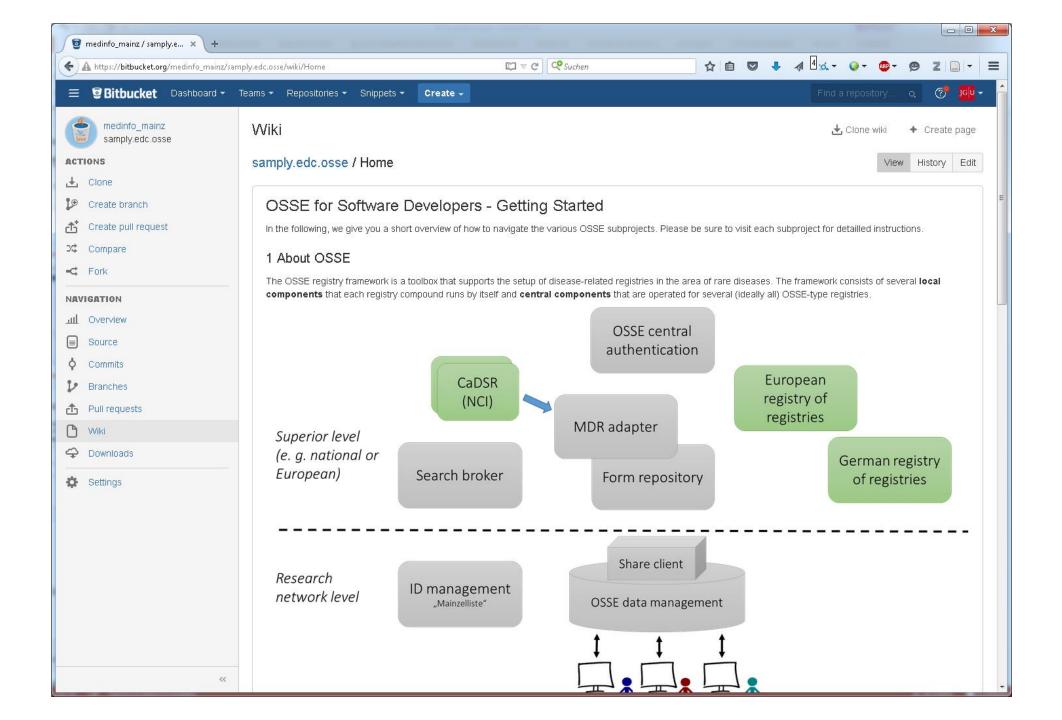


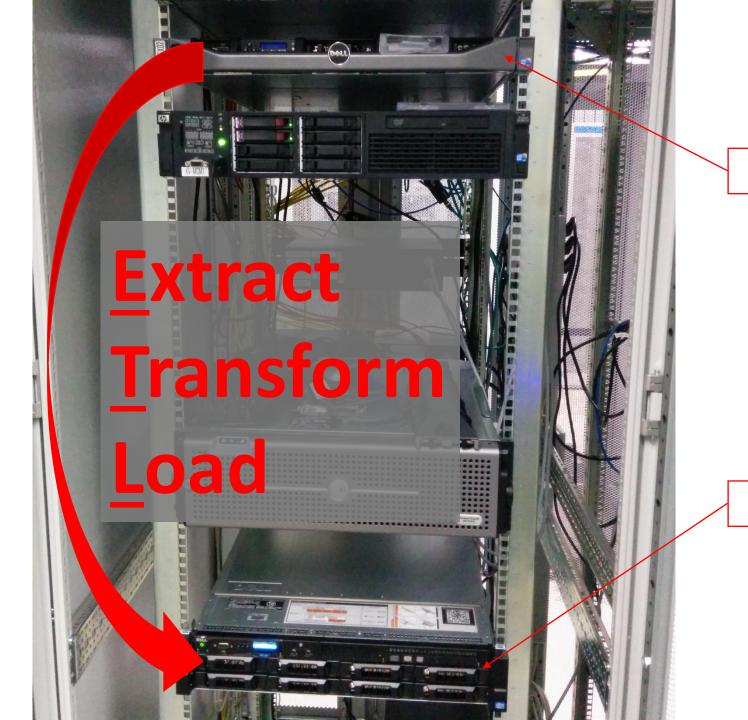
Decentral Search





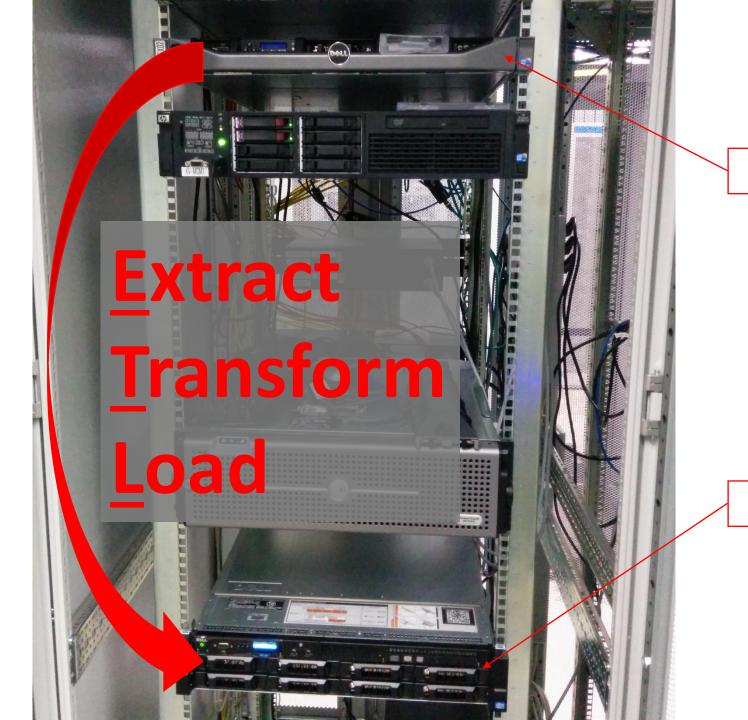






Source System

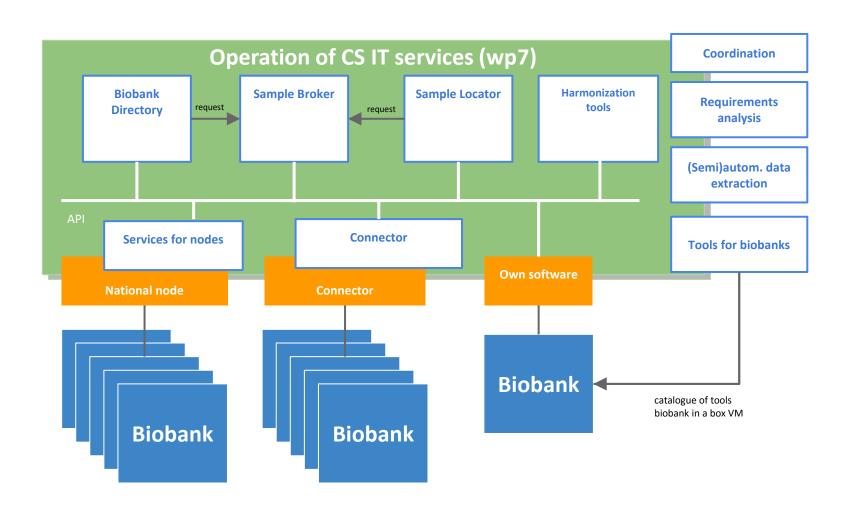
Bridgehead



Source System

Connector

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WP3 – (Semi-) Automated colon cancer data gathering

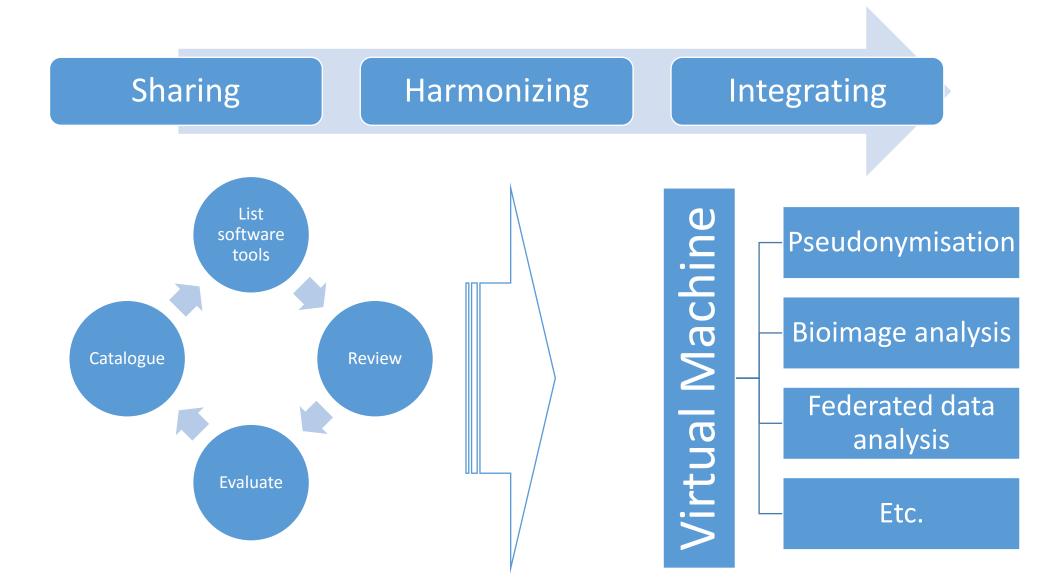
Complete Framework Proof of concept

Automated or semi-automated collection of 7,000 cases

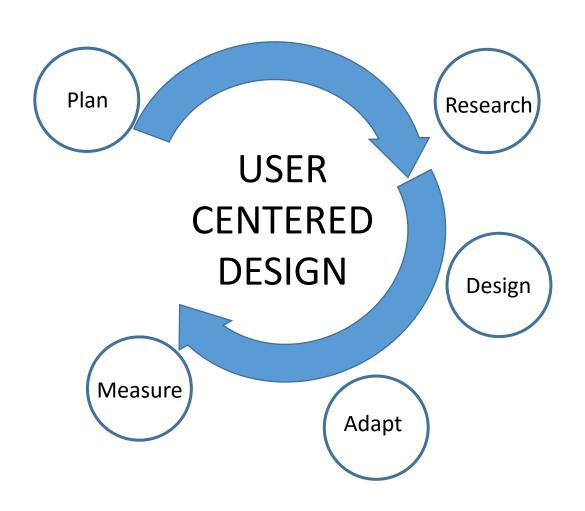
WP4 – Services for the national nodes

- Hosting services
 - E.g. Sample Locator and Directory
- Support for National Nodes
- Security and privacy

WP5 – Tools for biobanks



WP6 – Continuous analysis of user requirements and evaluation of services



WP7 – Operations and collaboration tools for BBMRI-ERIC services

- Management of hardware and software to run collaboration tools
 - Installation, updates, support and maintenance
- Operations of the catalogue access help desk
- Operations of the Sample request help desk (BBMRI-LPC)
- Tools developed in BioMedBridges
 - Ontology
 - Mappings
 - secure access
 - Biosample database

WP8 – Facilitating collaboration on IT harmonization issues

- Definition of relevant terms and ontologies
- Biobank metadata characterization
- Quality indicators for biosamples
- Terminologies/ontologies for diseases
- Examples
 - SPREC, Biobank lexicons and MIABIS 2.0



Thank you

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