

Project 5: National Integration Portal

**Workshop 2 -
Project scoping: definition of work
packages and roadmap**

Project 5: National Integration Portal

Workshop 3 - 17 Dec kl.9-11

Review of Work Packages and Project
Radmap

Agenda

12:00 – 12:40 WP1: Web Portal/GUI

20 min Introduction + 20 min round table discussions

12:40 – 12:50 Short break

12:50 – 13:30 WP 2: Integration with HPC centers

20 min Introduction + 20 min round table discussions

13:30 – 13:45 WP3: Data services integration

13:45 – 14:00 Summary and conclusions

W2 Participants from HPC centers

Affiliation	Name	Position	Affiliation	Name	Position
SDU	Claudio Pica	Professor, Director of the SDU eScience	DTU	Michael Rasmussen	Section leader (FIT), IT-services
SDU	Dan Sebastian Thrane	Team leader Cloud services, SDU eScience	DTU	Martin Haubjerg Rosgaard	IT-Service
SDU	Emiliano Molinaro	Team leader Research Support, SDU eScience	DTU	Nikola Vasiljevic	Special Consultant for Digitalization
SDU	Johanne Lyhne Hansen	Secretary, SDU eScience Center	DTU	Ole Holm Nielsen	Senior HPC Officer
SDU	Martin Rasmus Lundquist Hansen	Software Developer, SDU eScience	DTU/DeiC	Eske Hjalmer Bergishagen Christiansen	IT-service
AU	Kristoffer Nielbo	Associate professor	AAU	Bo Bai	Senior Consultant
AU - Royal Library	Per Møldrup-Dalum	Specialist consultant	AAU	Frederik Højlund	Web Developer
AU	Samuele Soraggi	Administrative Staff	AAU	Anton Drastrup-Fjorbak	System Administrator,
KU	Jonas Rank Møller	Group leader, KU-IT	AAU	Rasmus D. Jensen	Team Lead Research IT
KU	Hans Henrik Happe	System Administrator			

WP1: Web Portal/GUI

- GUI functionality
- overview of resources at HPC centers
- list of software available at HPC centers
- project management functionality



UCloud

Short Demo

UCloud My Workspace

Files Shares Apps Runs Activity Admin

News

UCloud Release 05/11/20 Bug fixes and minor tweaks 09:00 05/11/2020

Todays UCloud update brings a range of various bug fixes and minor tweaks.

Fixes

- #1952, #1953: Fixes an internal issue with mails. You should now be able to receive mails from UCloud again.
- #1970: Application favoriting issue in the frontend
- #1959: Renaming buttons has 'Create' instead of 'Update'/'Rename'
- #1955: 'Remaining' value is incorrect in usage table

View more

Recent Notifications

17 minutes ago New grant application to SDU-NAT

about 2 hours ago New grant application to SDU-HUM

about 21 hours ago Grant application updated (Rejected)

about 21 hours ago Grant application updated (Rejected)

about 21 hours ago New grant application to Type 1 - AU

2 days ago Comment on Application

2 days ago Comment on Application

ID ClaudioPica#7566 UCloud Docs SDU Data Protection

Favorite Files

- TensorFlow-Examples
- Snakemake-Examples
- r-master
- TensorFlow
- eScience
- Examples
- Dash_Examples

Recent Runs

- Terminal Ubuntu 3 days ago
- JupyterLab 14 days ago
- Terminal Ubuntu 14 days ago
- JupyterLab 29 days ago
- TRACER 30 days ago
- Overleaf about 1 month ago
- Coder about 1 month ago

Resources

ucloud / u1-standard 4.998,46 DKK

ucloud / u1-cephfs 2.954,72 DKK

ucloud / u1-cephfs (Quota) 178.54 GB of 1.07 TB (16.63%)

Apply for resources

Usage

Past 30 days

Storage 5,84 DKK

Compute 0,75 DKK

WP1: Roadmap and milestones

	Year 1 / 2021												Year 2 / 2022											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP1																								
Project management for PI/users																								
Resource management																								
Overview of available HPC services / reporting																								
Redesigned application section																								

M1-1 new GUI for project management

M1-2 new GUI for resource management

M1-3 new GUI for HPC centers reporting and overview

M1-4 new application section

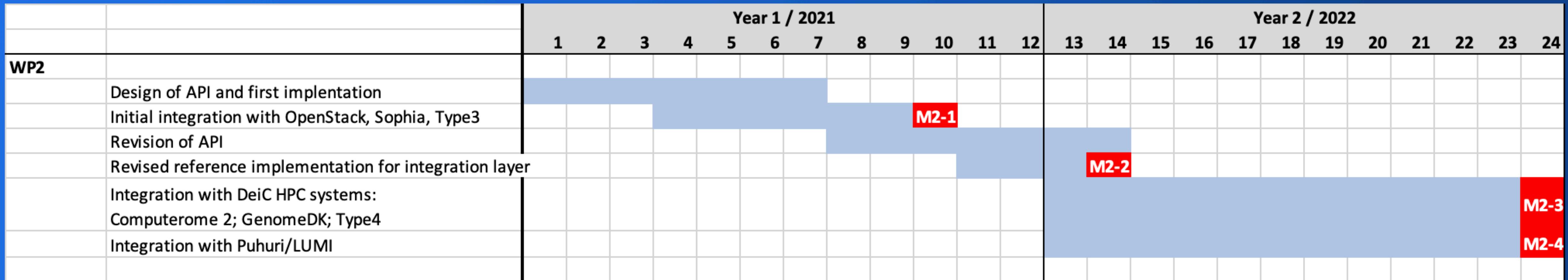
WP1: Round table discussions

- DeiC HPC Type1: AAU/Claaudia ; Royal Library
- DeiC HPC Type2: AU/GenomeDK ; DTU/Computerome2
- DeiC HPC Type3: SDU
- DeiC HPC Type4: KU
- DeiC HPC Type5: LUMI/Puhuri - DeiC
- HPC TekRef

WP2: Integration with HPC centers

- user mapping
- storage/files at HPC centers
- compute/jobs
- project and resource management
- work required at different facilities

WP2: Roadmap and milestones



M2-1 First version of UCloud integration module

M2-2 Second version of UCloud integration module

M2-3 Integration of DeiC National HPC systems

M2-4 Integration with Puhuri/LUMI

WP2: Round table discussions

- DeiC HPC Type1: AAU/Claaudia ; Royal Library
- DeiC HPC Type2: AU/GenomeDK ; DTU/Comuterome2
- DeiC HPC Type3: SDU
- DeiC HPC Type4: KU
- DeiC HPC Type5: LUMI/Puhuri - DeiC
- HPC TekRef

WP3: Data Services Integration

- Efficient data transfer among HPC centers

Preparation for

- Integration of future DeiC National Data Management
- Integration with national libraries and archives
- Other international (meta)data repositories

WP3: Roadmap and milestones

		Year 1 / 2021												Year 2 / 2022												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
WP3	Data transfers among HPC centers																								M3-1	

M3-1

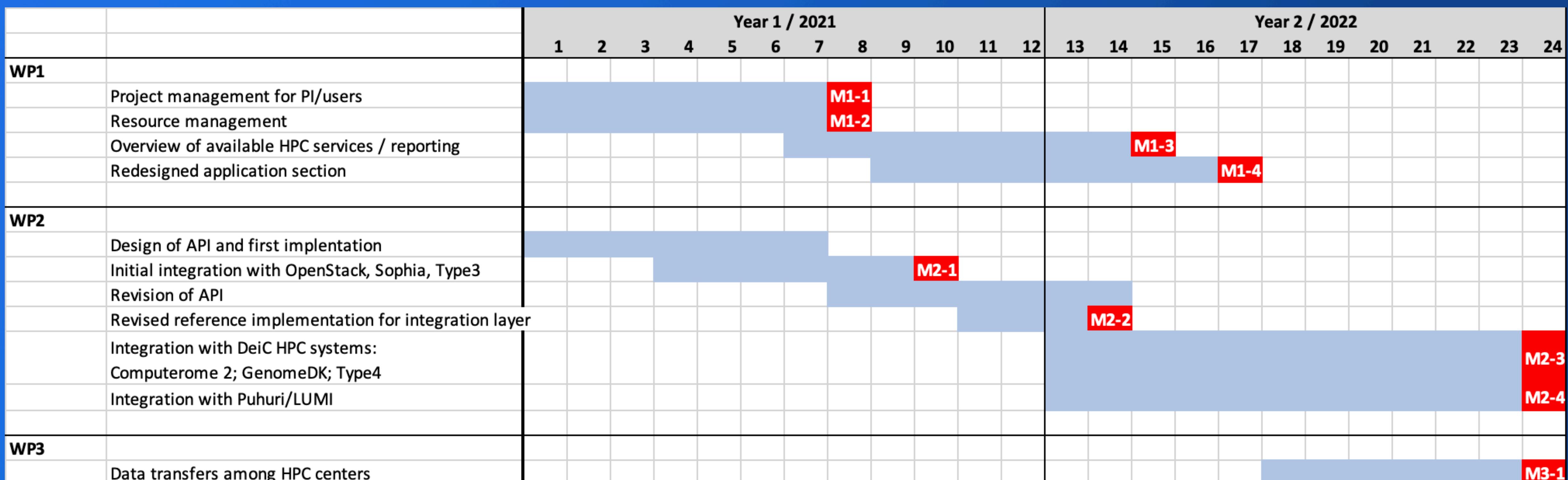
Integration of data transfer system among HPC centers

WP3: Round table discussions

- DeiC HPC Type1: AAU/Claaudia ; Royal Library
- DeiC HPC Type2: AU/GenomeDK ; DTU/Comuterome2
- DeiC HPC Type3: SDU
- DeiC HPC Type4: KU
- DeiC HPC Type5: LUMI/Puhuri - DeiC
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Summary and Conclusions

Project 5: Roadmap and milestones



M2-1 First version of UCloud integration module
M2-2 Second version of UCloud integration module
M2-3 Integration of DeiC National HPC systems
M2-4 Integration with Puhuri/LUMI

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M3-1 Integration of data transfer system among HPC centers

End of Workshop