

FAIR Hackathon Sessions

7 February, 2022

by EOSC-Life WP1-WP2-WP3-WP6-WP9

<https://us06web.zoom.us/j/82090990579?pwd=WHpPeGJRVeRmaWpyYllyVG9RaHlqdz09>

Slack channel: https://eosclifefairh-nmo8976.slack.com/join/shared_invite/zt-12lgdserr-gRC3Og7qBKNQXhDNBKl9hA#/shared-invite/email

TIME (CET)	SESSION	EXPERTS	COMMENTS
10:00-10:05	WELCOME	ALL	
10:05-10:30	INTRO: Short 5 min presentations to topics by the Experts	ALL	
10:30-13:00 flexible coffee break at 11:30-12:00	PARALLEL SESSIONS (5) • WorkflowHub (Room 1) • RO-Crate (Room 2) • Drop-in clinic for 10 Simple Rules for making a software tool workflow-ready (Room 3) • Ontology:OLS and OxO API use cases (Room 4) • Provenance steps along the material/data life-cycle (Room 5)	ALL Carole Goble Stian Soiland-Reyes Simone Leo Stuart Owen Henriette Harmse Marc Portier Katrina Exter Petr Holub Jean-Marie Burel Finn Bacall	
13:00-14:00	LUNCH BREAK		
14:00-16:00 flexible coffee break at 14:55-15:10	PARALLEL SESSIONS (5) • WorkflowHub • RO-Crate • Drop-in clinic for 10 Simple Rules for making a software tool workflow-ready • Ontology:OLS and OxO API use cases • Provenance steps along the material/data life-cycle	ALL Carole Goble Stian Soiland-Reyes Simone Leo Stuart Owen Henriette Harmse Katrina Exter Petr Holub Jean-Marie Burel Finn Bacall	
16:00-16:30	SUMMARY DISCUSSIONS, CLOSING REMARKS, FEEDBACK	ALL	



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WORKING DOCUMENT FOR THE EXPERTS

Main Topic	Sub-topics (+ leader name)	Comments
Provenance	Data: - Intro to provenance (concepts) - Demonstration of use-cases (at least one clinical and one marine biology) of provenance steps along the material/data life-cycle - Presentation of a checklist used for a use-case. The checklist helps to gather the provenance information throughout the data life cycle. - Work through of checklists that the projects create themselves for their projects following those use cases; Q&A with the WP6 tutors for those checklists	Katrina Exter + WP6
Workflowhub	Tools: - Drop in clinic for 10 Simple Rules for making a software tool workflow ready (https://doi.org/10.5281/zenodo.5636487) - We will provide advice and answer questions, for packaging a script or library as a tool for a workflow Workflows: - How to register your own workflow in the WorkflowHub? - How to use the WorkflowHub to explore and access available Workflows? - How to check a workflow's health in LifeMonitor RO-Crate: • How to make an RO-Crate from your infrastructure • How to make a Workflow Testing RO-Crate and submit it to Life Monitor	
OLS and OxO API use cases (Ontology)	We discuss in detail how to use the OLS and OxO APIs. If you have specific questions or problems wrt OLS and OxO you will like to ask, please feel free to bring those as well.	Henriette Harmse



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Agenda - Background Sessions 16 Dec

Time (CET)	Session	Presenter
10:00-10:05	Short Introduction	Pauline & Arina
10:05-11:00	Session1: Data life cycle and the distributed provenance chain Talk1: The data life-cycle and providing data provenance	Talk 1: Rudolf Wittner & Katrina Exter
11:00-11:30	Self-assessment feedback Session	All
11:30-13:00	Lunch Break	
13:00-14:30	Session2: Resources and tools for data FAIRification Talk 2: FAIR data beginners guide Talk 3: FAIRification resources Talk 4: Ontologies versus Vocabularies - which is better? Talk 5: On the road to FAIRness...	Talk2: Katrina Exter Talk3: Nick Juty & Munazah Andrabi Talk4: Henriette Harmse Talk5: Jean-Marie Burel
14:30-15:00	Coffee Break	
15:00-16:30	Session3: Tools and Workflows FAIRification [Slides] What is a Workflow? Why use a WFMS? Mentimeter questions: https://www.menti.com/87ouhg158g <i>Go to www.menti.com and use the code 4885 3343</i> Making a Workflow FAIR Registering a Workflow in WorkflowHub Incorporating my tool and making it FAIR Workflow ready Collaborative notes: EOSC-Life Session 3: Tools and Workflows FAIRification (collaborative notes)	Carole Goble Stian Soiland-Reyes Simone Leo Finn Bacall Stuart Owen Douglas Lowe Nick Juty
16:30-17:00	Self-assessment Wrap Up / Feedback session	All

Useful links provided in the chat:

Carole Goble:

Idea of picking up citations in registries

Software citation, data citation

<https://data.agu.org/DataCitationCoP/>

<https://the-turing-way.netlify.app/communication/citable/citable-cff.html>



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Simone Leo:

cff files are now supported by GitHub. See e.g. <https://github.com/ResearchObject/ro-crate-py> ("Cite this repository" section on the right is picked up from CITATION.cff)

Nick Juty: FAIRsharing link: <https://fairsharing.org/>

From [Ten simple rules to run a successful BioHackathon](#):

- [Rule 1: Define the goals, scope, and team](#)
- [Rule 2: Find the right venue](#)
- [Rule 3: Ensure balanced and representative participation](#)
- [Rule 4: Compile and regularly review your checklist](#)
- [Rule 5: Create and maintain effective communication channels](#)
- [Rule 6: Promote a welcoming and respectful environment](#)
- [Rule 7: Encourage team-building, self-organization, and cross-collaboration](#)
- [Rule 8: Provide informal exchange spaces](#)
- [Rule 9: Include retrospective sessions along with documentation](#)
- [Rule 10: Plan the next steps](#)



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