opendata.fit

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opendata.fit

attribution

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Introduction to the opendata.fit platform

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Motivation

History

Team

Professor Pall Thordarson

Varvara Efremova

Varvara consults as a data visualisation and web strategy specialist

Both Varvara and James help run and maintain a community makerspace based in Canberra: canberramaker.space

James Wilmot

Thomas Wilmot

Activities for *Australian Characterisation Commons at Scale* project

Deliverables

WP6.1.1 **Create a small angle scattering (SAS) analysis pipeline**

WP6.1.2 **Configuration of cloud infrastructure**

WP6.1.3 **Improving the user-interface to the SAS analysis pipeline**

WP6.2.1 **Create an integrated data flow from small angle instruments**

WP6.2.3 **Work cooperatively to establish the relevant metadata standards**

WP6.4.1 **Integration of older opendata.fit workflows**

WP6.4.2 **Creating new workflows on chemical kinetics from NMR data**

WP6.7 **Globus Integration**

WP6.8.1 **Create content and deploy user-facing documentation hub**

WP6.8.2 **Deploy community forum**

WP6.8.3 **Run community engagement workshops**

The opendata.fit datapackage profile

Open source outcomes

Future direction

Defining the opendata.fit datapackage profile as a git repository

Closing the gap between analysis and publication

HPC execution, data bookkeeping and transfer

Local execution: `opendatafit-cli`

Execution at the edge: WebAssembly

Web application modernisation

Future direction