

# **Start Your ARC Workshop Series**

Preparation for Session 02 – "Build your ARC" (May 31st, 2023)

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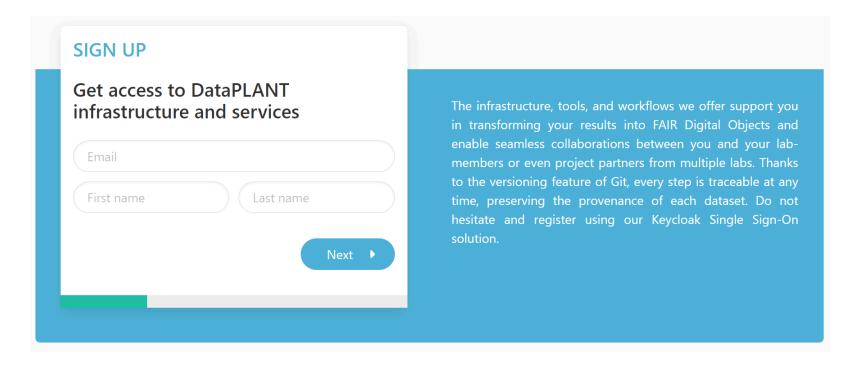
### **Checklist ARC hands-on**

- Please follow the next slides to register with DataPLANT and install some helper tools on your computer
  - ✓ Register at DataPLANT
  - ✓ Find your terminal
  - ✓ Install ARC Commander and dependencies on your computer



# **DataPLANT Registration**

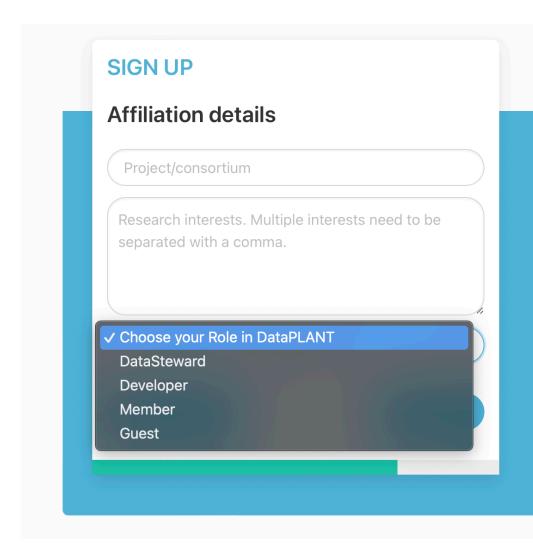
If you do not have a DataPLANT account, please register at the DataPLANT website.





## Role and consortium

Please add your Project/consortium (e.g. CEPLAS, SFB, TRR) and choose the role Guest





### The command line

Find the **command-line interface (CLI)** on your system.

- On Windows: Enter powershell into the explorer path
- On MacOS: Search terminal via spotlight (第 + \_\_) or navigate to Applications -> Utilities -> Terminal

> Note: In our tutorials we sometimes use "terminal", "command-line interface (CLI)" and "powershell" interchangeably.



### **ARC Commander Installation**

Please install the latest version of the ARC Commander and dependencies for your operating system according to the manual's setup instructions.

Check if the ARC Commander is functional by displaying the ARC Commander version and help menu:

arc --version

#### Setup ~

**Installing Dependencies** 

**Configure Git** 

Installing the ARC Commander

Windows

MacOS

Linux

**DataHUB Access** 

Before we start



# Hands-on: Bring your own data

In the hands-on session, we would like to start creating an ARC together.

To do so, please bring some data!

This can be data of your current research project or an already published manuscript with supplemental data. Anything that you feel familiar with.



### Resources



#### **CEPLAS Data Science**

Website: https://www.ceplas.eu/en/research/data-science-and-data-management/

# DataPLANT (nfdi4plants)

Website: https://nfdi4plants.org/

Knowledge Base: https://nfdi4plants.org/nfdi4plants.knowledgebase/

DataHUB: https://git.nfdi4plants.org

GitHub: https://github.com/nfdi4plants

