CEPLAS
Cluster of Excellence on Plant Sciences

Start Your ARC Workshop Series

Preparation for Session 02 – "Build your ARC"

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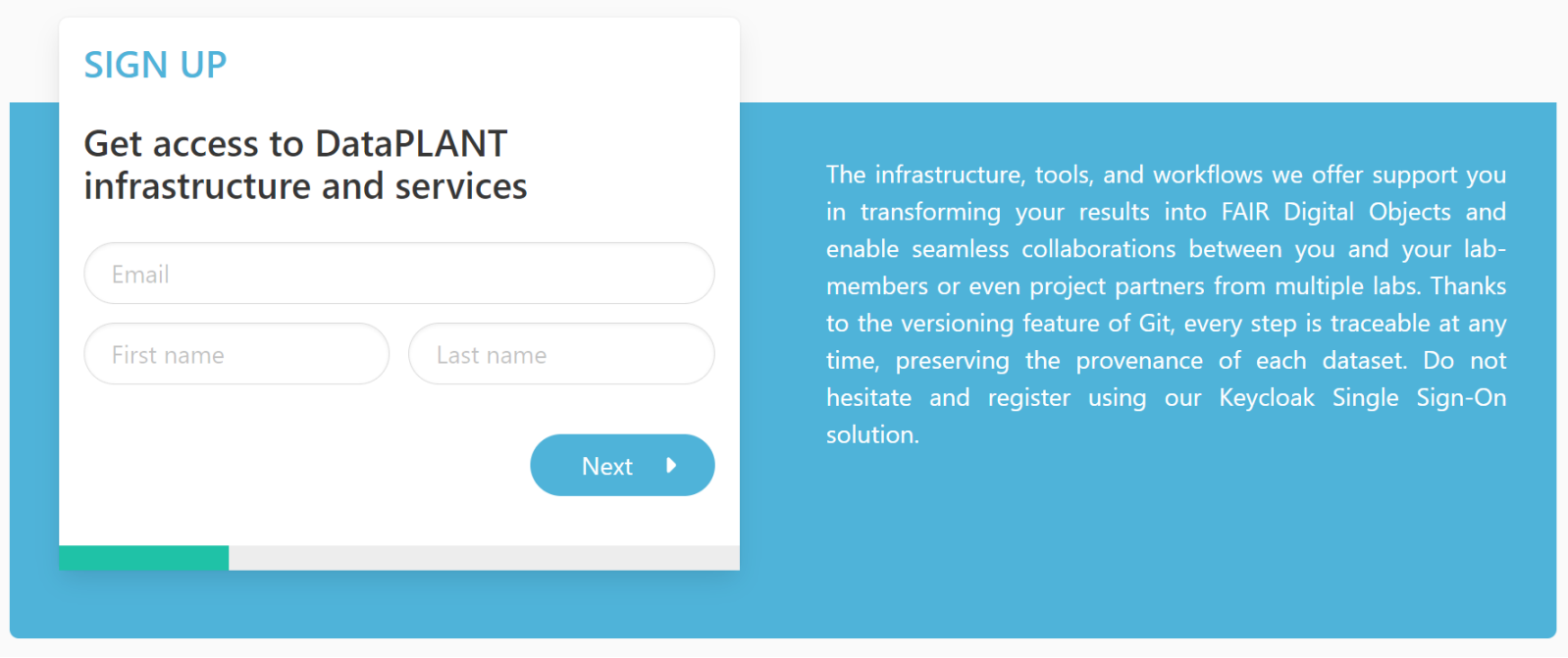
Checklist ARC hands-on

💡 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

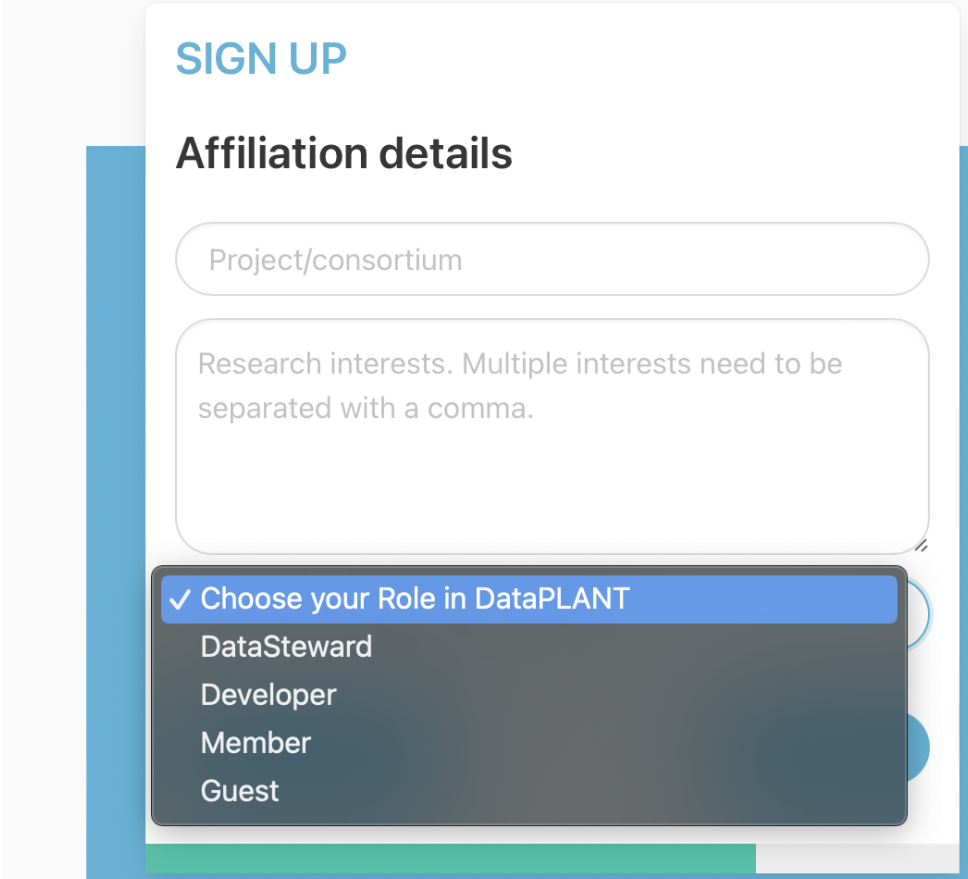
DataPLANT Registration

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 (⌘ + ␣) or navigate to `Applications` -> `Utilities` -> `Terminal`

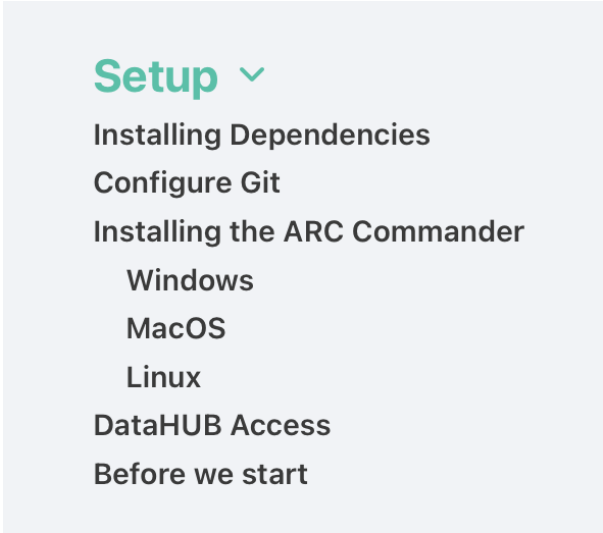
> Note: In our tutorials we sometimes use "terminal", "command-line interface (CLI)" and "powershell" interchangeably.

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
```



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