# Introduction to Version Control with Git Workshop

Date: 10-11th March 2025

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#### Basic info

Event title: **Introduction to version control with Git**

Organizer: 4TU.ResearchData

Event starts: Monday 10th March 2025

Event ends: Tuesday 11th March 2025

Start time: 09:30

End time: 16:00

#### Description

This workshop will take place from **10 to 11 March 2025 at Eindhoven University of Technology**. It will focus on version control using Git based on the [Carpentry training material](https://swcarpentry.github.io/git-novice/). The last part of the second day will be about the 4TU.ResearchData repository system. Our main goal is to provide basic skills in versioning control to enable 4TU.ResearchData community members to work more efficiently and reproducibly with their software. We will exemplify the main version control concepts with a simple Python script. However, the script execution is not crucial for the scope of this workshop. Previous knowledge of Python is ideal for this workshop but not required.

**Body text:**

Wondering if a version control with Git workshop is right for you? Mastering a tool like Git allows you to:

* **Secure your progress:** Never worry about losing your work again, no matter how complex your projects become.
* **Experiment freely:** Try new ideas without the risk, knowing you can quickly revert to previous versions.
* **Boost collaboration:** Work seamlessly with colleagues, merging your efforts without conflict and enhancing project cohesion.
* **Ensure reproducibility and transparency:** You can easily replicate your results and maintain transparency in your research, meeting the highest open science standards.

# **Program**

#### **Day 1 – 10 March**

* 09:30 – 12.30 > Unix – shell/command line session to cover basic lessons for working with Git locally (half day) – [Introducing the Shell](https://urldefense.com/v3/__https:/swcarpentry.github.io/shell-novice/01-intro.html__;!!PAKc-5URQlI!6G9hacP_q2pvjOeu6MdRWKXyWNoOZzhPPlnucZkQcUNLGNBPb5xGj_eosfeTufYy9qrQgHTiGO2kJd75N_ZUGLuHuFherNhXHE4$), [Navigating Files and Directories](https://urldefense.com/v3/__https:/swcarpentry.github.io/shell-novice/02-filedir.html__;!!PAKc-5URQlI!6G9hacP_q2pvjOeu6MdRWKXyWNoOZzhPPlnucZkQcUNLGNBPb5xGj_eosfeTufYy9qrQgHTiGO2kJd75N_ZUGLuHuFhenOOnAU8$), [Working With Files and Directories](https://urldefense.com/v3/__https:/swcarpentry.github.io/shell-novice/03-create.html__;!!PAKc-5URQlI!6G9hacP_q2pvjOeu6MdRWKXyWNoOZzhPPlnucZkQcUNLGNBPb5xGj_eosfeTufYy9qrQgHTiGO2kJd75N_ZUGLuHuFheeD0nTLg$).
* 12:30- 13:30 Lunch
* 13.30-16.00 > Versioning control with Git – Part 1 (half day) – [Summary and Setup](https://urldefense.com/v3/__https:/swcarpentry.github.io/git-novice/__;!!PAKc-5URQlI!6G9hacP_q2pvjOeu6MdRWKXyWNoOZzhPPlnucZkQcUNLGNBPb5xGj_eosfeTufYy9qrQgHTiGO2kJd75N_ZUGLuHuFhe5qvntC4$)

#### **Day 2 – 11 March**

● 09:30-14:30 > Versioning control with Git – Part 2 (half day) – [Summary and Setup](https://urldefense.com/v3/__https:/swcarpentry.github.io/git-novice/__;!!PAKc-5URQlI!6G9hacP_q2pvjOeu6MdRWKXyWNoOZzhPPlnucZkQcUNLGNBPb5xGj_eosfeTufYy9qrQgHTiGO2kJd75N_ZUGLuHuFhe5qvntC4$)

● 14.45-16.00 > Getting to know 4TU.ResearchData

#### Date, Time & Location

The details of the event are:

* Dates: 10th and 11th of March
* Times: 09:30 to 16:00 (lunch and coffee will be provided)
* Location: Pendulum room 0.36 (Fontys building). Eindhoven University of Technology.

Website of the workshop:

<https://4turesearchdata-carpentries.github.io/2025-03-10-tudelft/>

#### Order form

Name

Email address

Faculty

Department

JobTitle

If you have any dietary requirement or allergy, please indicate it here:

**Other set ups:**

* Tickets available: 25
* Set up a waiting list for 25 places
* Start date for selling tickets (opening of registrations): 13/02/2025
* End date for selling tickets (closing of registrations): 03/03/2025

#### Order confirmation - message for website and email

You are now registered for the **Introduction to Version Control with Git** workshop!

You will receive an email with preparation instructions about one week before the first day of the workshop.

Note: If you won’t be able to attend, please contact **Leila Iñigo** ([l.m.inigodelacruz@tudelft.nl](mailto:l.m.inigodelacruz@tudelft.nl)) so that we can offer your seat to someone on the waiting list.

#### Default 'reply-to' email address

[l.m.inigodelacruz@tudelft.nl](mailto:l.m.inigodelacruz@tudelft.nl)

#### Waiting list settings

Auto-response message: If a ticket becomes available, you will be contacted automatically with further instructions on purchasing your ticket. No further action is required at this point.

Waitlist ticket release message: Congratulations! A spot has opened up for you at this event. You have a limited time (1 day) to sign up. Please follow the links below to register for the event.

If you already know you can not join the workshop, please let us know as soon as possible by sending an e-mail to **Leila Iñigo** ([l.m.inigodelacruz@tudelft.nl](mailto:l.m.inigodelacruz@tudelft.nl)).