Good practices in Research Software Development

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netherlands
Science center



Who are we?

- The Netherlands eScience Center is a national center for **innovative software** solutions in academic research.
- Our Research Software Engineers
 - help researchers interpret results,
 - make tools and methods reusable for the wider research community,
 - co-author research and methodological publications.





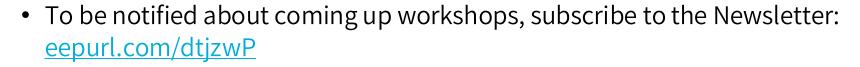
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Science center Training Programme Schedule 2024 + 2025

	2024		2025
July		January	Introduction to Deep Learning (2 full days in-person)
August		February	 Good Practices in Research Software Development (4 half days online) Efficient computing in Julia – pilot (2 full days in-person)
September	 Medical Image Processing – pilot (1 full day in-person) Intermediate Research Software Development with Python (spread over 5 weeks online) 	March	 Machine learning in python with scikit-learn (2 full days in-person) Carpentries Instructor Training (2 full days in-person)
October	Good Practices in Research Software Development (2 full days in-person)	April	 Research Software Support Masterclass (spread over 4 weeks, combi in-person and online) Natural Language Processing - pilot (2 full days in-person)
November	Parallel Programming in Python together with SURF (online)	May	 Parallel Programming with Python (2 full days in-person) Intermediate Research Software development with R (2 full days in-person)
December	GPU programming (2 full days in-person)	June	 Intermediate Research Software Development with Python (2 full days in-person) Image Processing with Python (2 full days in-person)

• For exact dates of upcoming workshops (3 months in advance): esciencecenter.nl/events/?f=workshops







Do you want to teach with our materials?

- All material that we use is open-source and available online. See https://www.esciencecenter.nl/training-materials/ for more information
- We can help you setup workshops, contact <u>training@esciencecenter.nl</u>



Do you want us to come and teach a workshop at your organisation?

Our Digital Skills Workshops are open to all researchers in the Netherlands.

We also offer paid options of standard and custom workshops dedicated to your organisation. To learn more, contact:

training@esciencecenter.nl





Schedule

Day 1	Collaborative version control with Git and GitHub
14:00	Workshop Introduction
14:15	Version control with Git
15:30	Afternoon break
15:45	Collaboration with Git and Github
17:00	END

Day 2	Good practices in research software development
09:30	Modular Code Development
10:30	Morning break
11:00	Code Documentation
12:00	Lunch break
13:00	Testing
15:00	Afternoon break
15:30	Continuous Integration
16:45	Wrap-up
17:00	END & Drinks





Collaborative Document

Open this link -> https://edu.nl/3wx8g





Resources

- Collaborative version control with Git and GitHub (Day 1):
 - o Material
 - o Slides
- Good practices in research software development (Day 2):
 - o Material
 - o Slides







Let's stay in touch

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