

DAP2024 - Git Transfer of knowledge

Debriefing, Portuguese Met. Service (IPMA,. I.P.) 13th ACCORD LTM meeting, 06 February 2025

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Expected outcomes from the training



Get familiar and develop practical skills with Git/GitHub, both individually and as a team

Ensuring compatibility with technological advances in the ACCORD community to enhance sharing and collaboration

Integrating a new version control system and good practices into the new local ATOS machine, replacing previous SVN (operational) system

Overview of the training

IPMA headquarters in Lisbon

- Meeting room (~15-20 training posts)
- Video-conf and projection facilities
- Wi-fi connection
- Coffee-break snacks
- Canteen for lunch





Overview of the training

Total number of participants (12 in presence; 4 online):

- NWP experts
- downstream applications experts
- Computer section experts

Prerequisites:

Personal laptop (Linux or Windows)





Agenda

Tuesday 29 Oct

10:00-10:30 Presentation of the course and participants

10:30-12:30 Git and GitHub intro and practical exercises

12:30-13:30 Lunch break

13:30-15:30 Git and GitHub intro and practical exercises (cont)

15:30-16:30 Coffee break

16:30-17:30 1st day wrap-up and discussions

Wednesday 30 Oct

10:00-10:30 Doubts resolution and questions

10:30-12:30 ACCORD GitHub forge and practical exercises

12:30-13:30 Lunch break

13:30-15:30 ACCORD GitHub forge and practical exercises (cont)

15:30-16:30 Coffee break

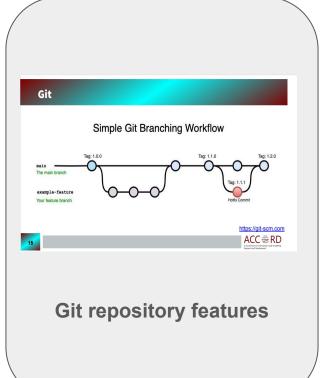
16:30-17:30 2nd day wrap-up and discussions





Code version control: introduction to Git and GitHub









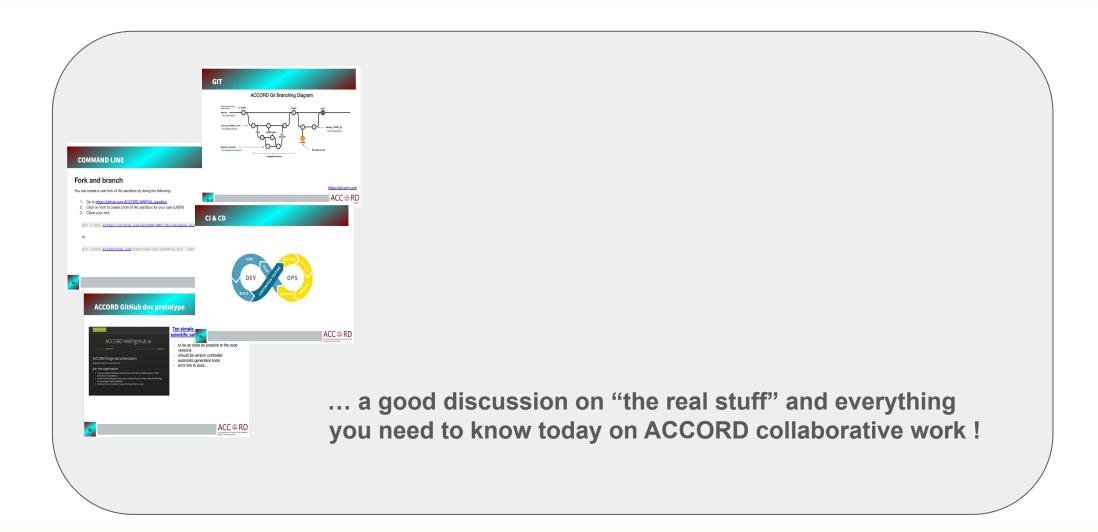
Code version control: hands-on exercises







ACCORD Forge repo in GitHub and dedicated/advanced practical exercises





Outcomes

All the participants enjoyed the training

Individually, all participants were enthusiastic to start using these practices/utilities on their daily work, to handle personal work projects

Participants were trained to start contributing at any time (were given permissions to the ACCORD forge)...

Locally, there is a need to design the best way to use this facility - which relies on new concepts (i.e. local code will be archived to into platforms exterior to IPMA) - and to plan the moving from SVN to Git/GitHub which should occur in 2025

This was an excellent team opportunity!





Thank you!