

Reproducible computational pipelines with Nextflow

6th February 2024 - 10:00-17:30 7th, 8th & 9th February 2024 - 14:00-17:30

Organizers

CRG Bioinformatics Unit

Topics

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- * Docker/Singularity containers:
 - Locate, fetch, execute/run Docker/ Singularity images
 - Build Docker container from an existing recipe
 - Design/Write a Docker recipe
 - Convert a Docker image to a Singularity image

* Nextflow:

- Locate and fetch Nextflow pipelines from dedicated repositories
- Execute/Run, test and modify a Nextflow pipeline
- Develop a Nextflow pipeline from scratch
- Run pipeline in diverse computational environments (local, HPC, cloud)

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