Dataflow

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ANF - workflow et reproductibilité



The Challenge of Reproducibility

Hidden reproducibility issues are like an iceberg

"

First, we tried to re-run the analysis with the code and data provided by the authors.

Second, we reimplemented the whole method in a Python package...

Experimenting with reproducibility: a case study of robustness in bioinformatics https://doi.org/10.1093/gigascience/giy077

The five pillars of computational reproducibility: bioinformatics and beyond https://doi.org/10.1093/bib/bbad375



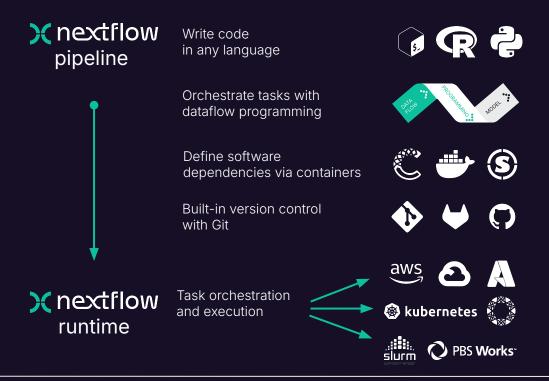


Hextflow



Introducing Nextflow

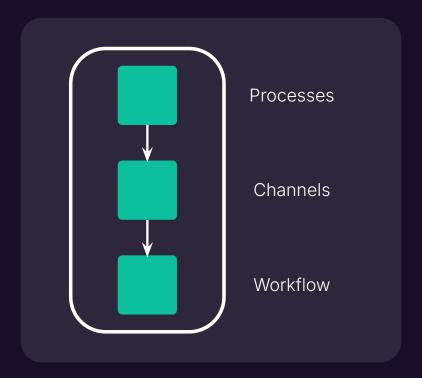
Nextflow is a language, a runtime, and a community





Introducing Nextflow

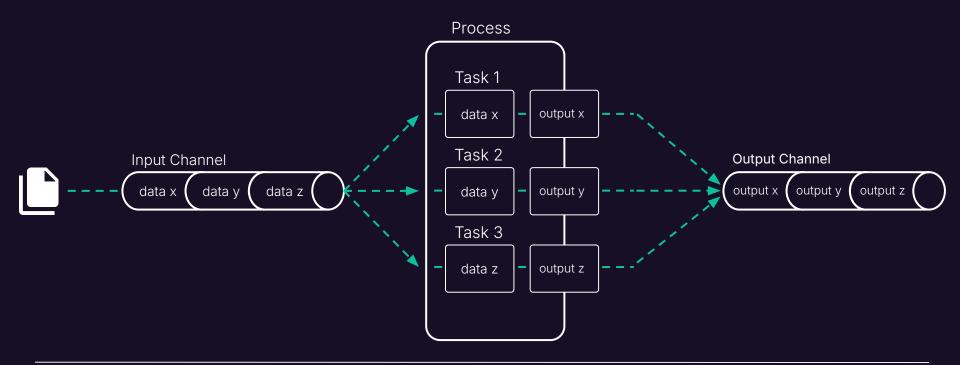
A reactive workflow framework and a programming DSL





Introducing Nextflow

A reactive workflow framework and a programming DSL





How to handle alternate flux

- Handles optional files
- Skip or disable processes

