



**Barcelona
Supercomputing
Center**
Centro Nacional de Supercomputación



EXCELENCIA
SEVERO
OCHOA

Autosubmit Roadmap and DestinE development - PyFlow

The Autosubmit Team

Seminar 26/01/2023

Autosubmit

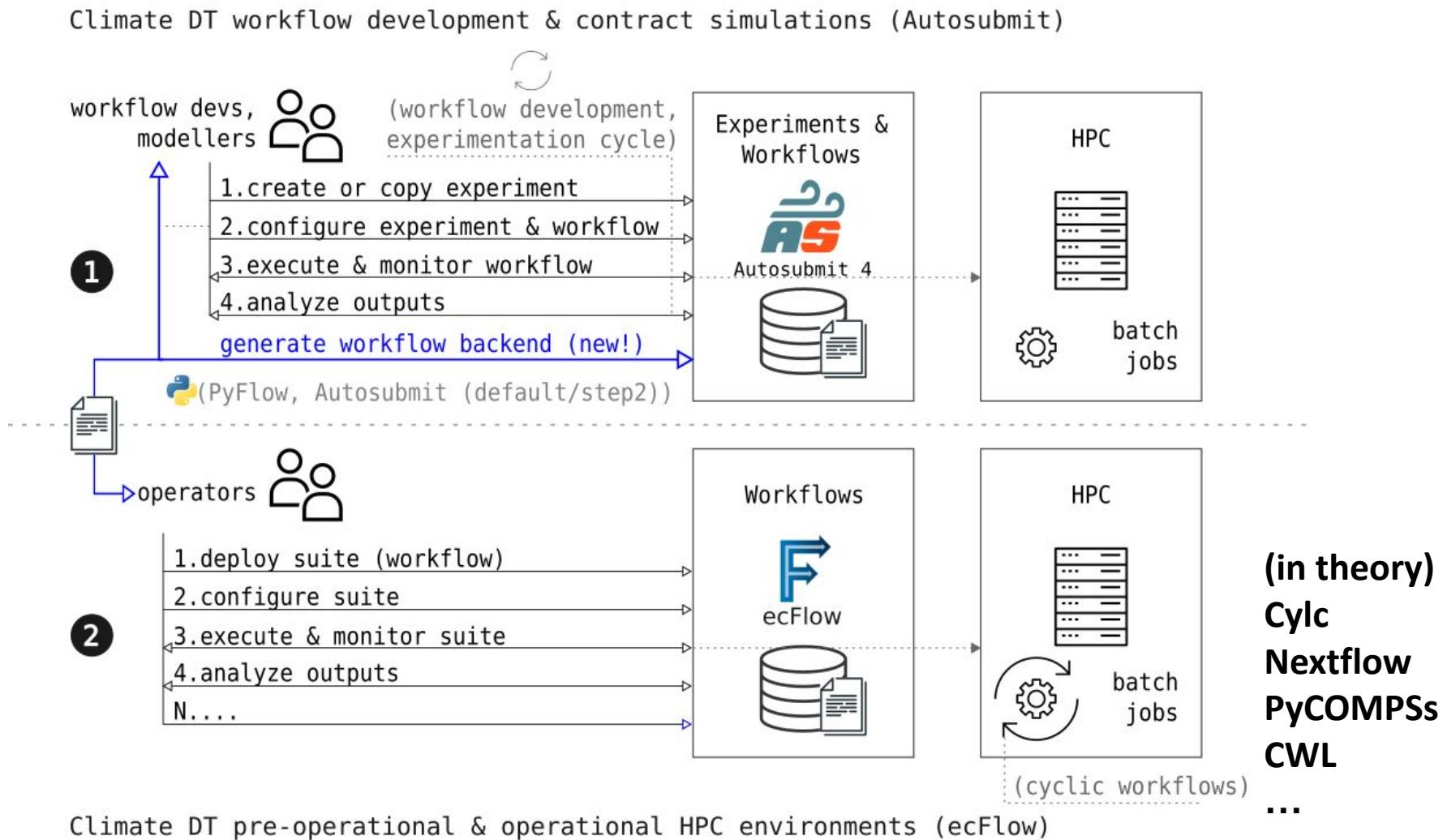
	Autosubmit v3	Autosubmit v4	Autosubmit GUI
	END OF v3 LIFE CYCLE		
2023	v3.15.0 - Fixes and adaptations.	v4.1 - Config validation, improved logging and traceability...	v2 - Authentication system, actions over experiments, more test coverage.
2022	v3.14.0 - Multiple wrappers, improved statistics, technical improvements.	v4 - Python3, new experiment config system	
2021	v3.13.0 - Support for huge experiments. Major optimizations, increase in robustness. Historical information...		v1 - Powerful searches, different views, performance metrics, historical information.



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Autosubmit + PyFlow (ecFlow)



Autosubmit + PyFlow (ecFlow)

ONCE

a000_LOCAL_SETUP

a000_SYNCHRONIZE

a000_REMOTE_SETUP

MEMBER

a000_20220401_fc0_PREINI

a000_20220402_fc0_PREINI

a000_20220401_fc0_INI

a000_20220402_fc0_INI

CHUNK

a000_20220401_fc0_1_SIM

a000_20220402_fc0_1_SIM

a000_20220401_fc0_1_GSV

a000_20220401_fc0_2_SIM

a000_20220402_fc0_1_GSV

a000_20220402_fc0_2_SIM

a000_20220401_fc0_1_1_APPLICATION

a000_20220401_fc0_1_2_APPLICATION

a000_20220401_fc0_2_GSV

a000_20220402_fc0_1_1_APPLICATION

a000_20220402_fc0_1_2_APPLICATION

a000_20220402_fc0_2_GSV

SPLITS

a000_20220401_fc0_2_1_APPLICATION

a000_20220401_fc0_2_2_APPLICATION

a000_20220402_fc0_2_1_APPLICATION

a000_20220402_fc0_2_2_APPLICATION

Autosubmit + PyFlow (ecFlow)

Suite
(Experiment/Workflow)

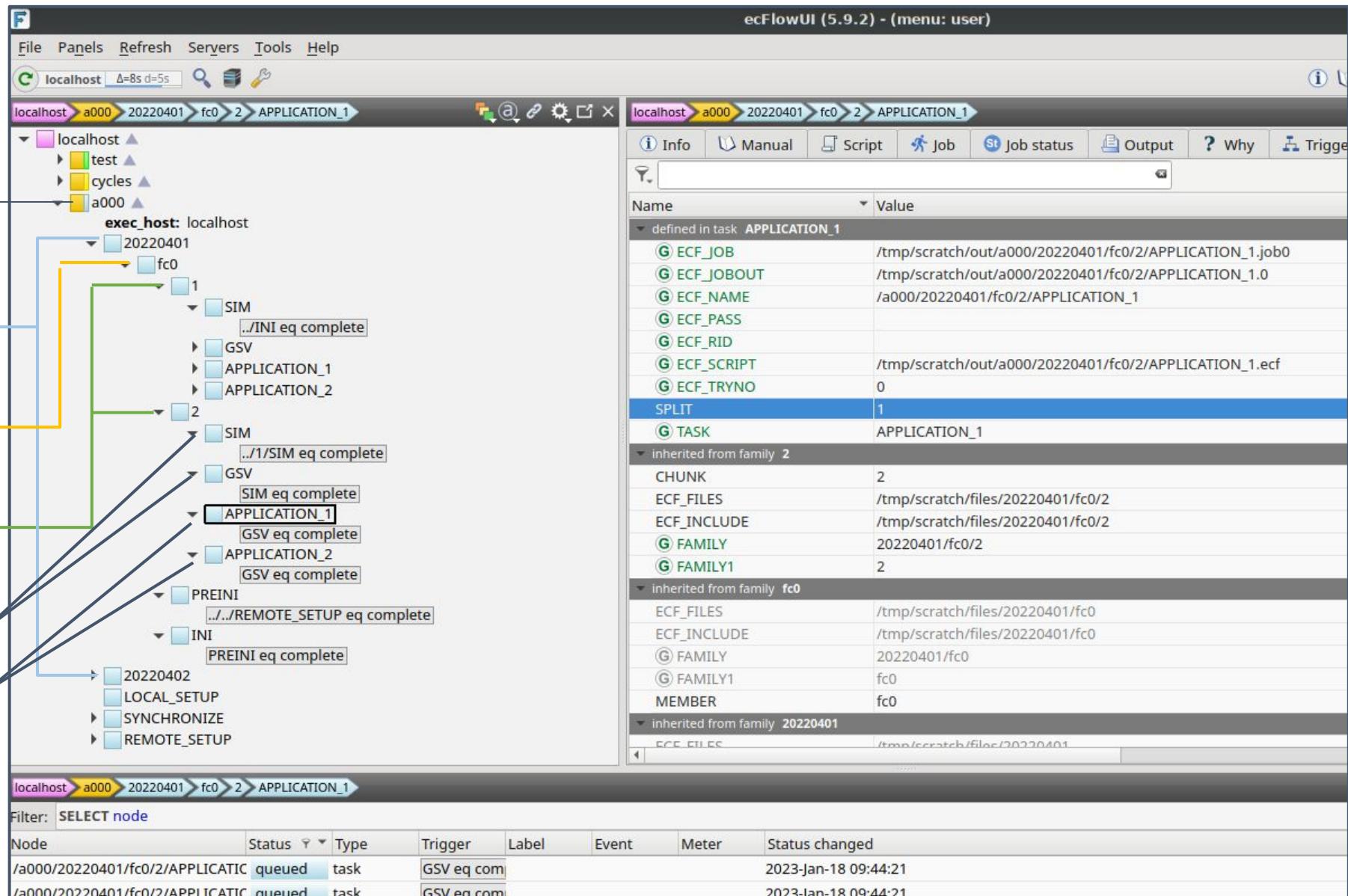
START DATE Families

MEMBER Families

CHUNK Families

Tasks (Jobs)

SPLIT Tasks





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Thank you

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