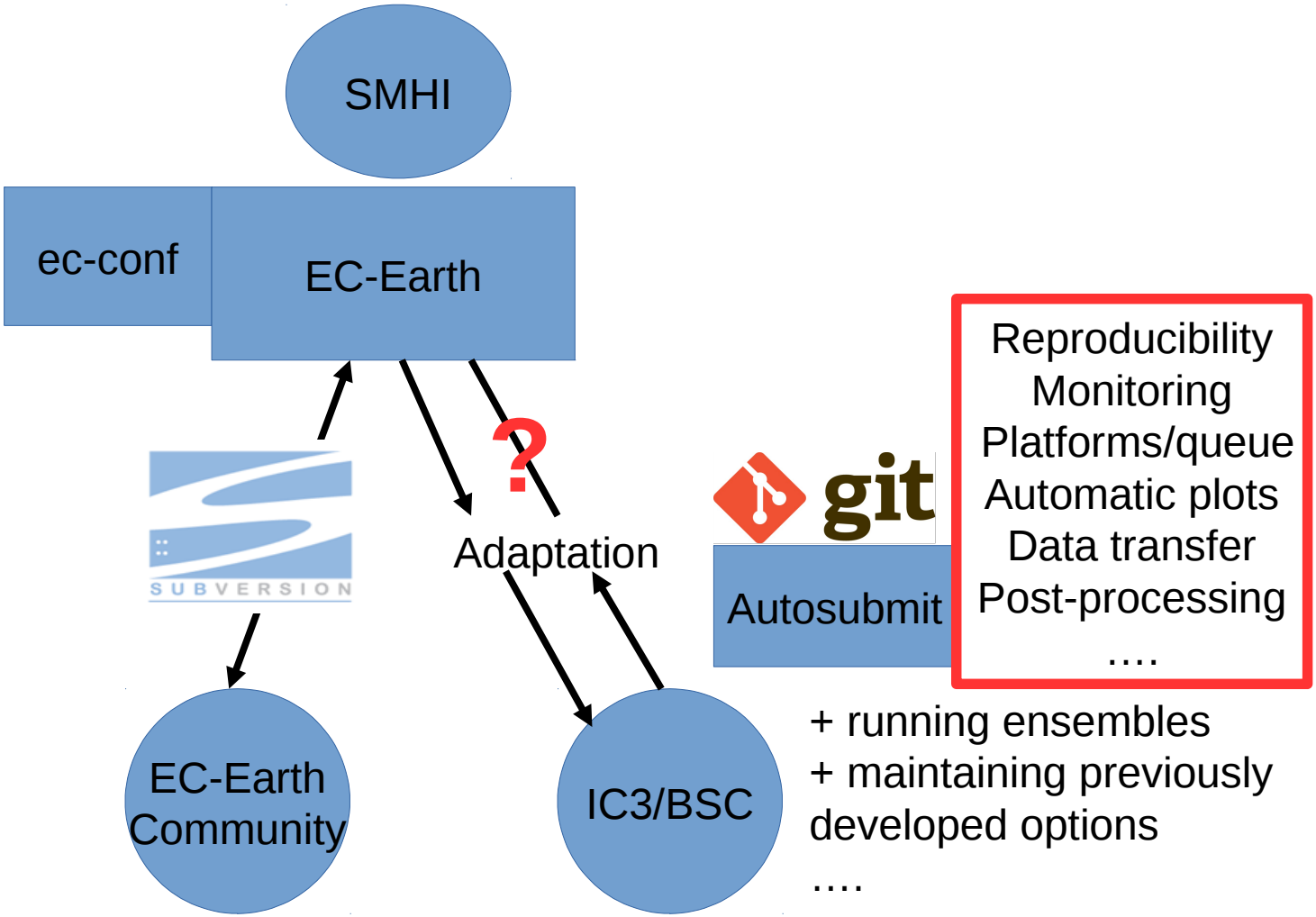
Barcelona Supercomputing Center
Centro Nacional de Supercomputación

EC-Earth & Autosubmit

Objectives

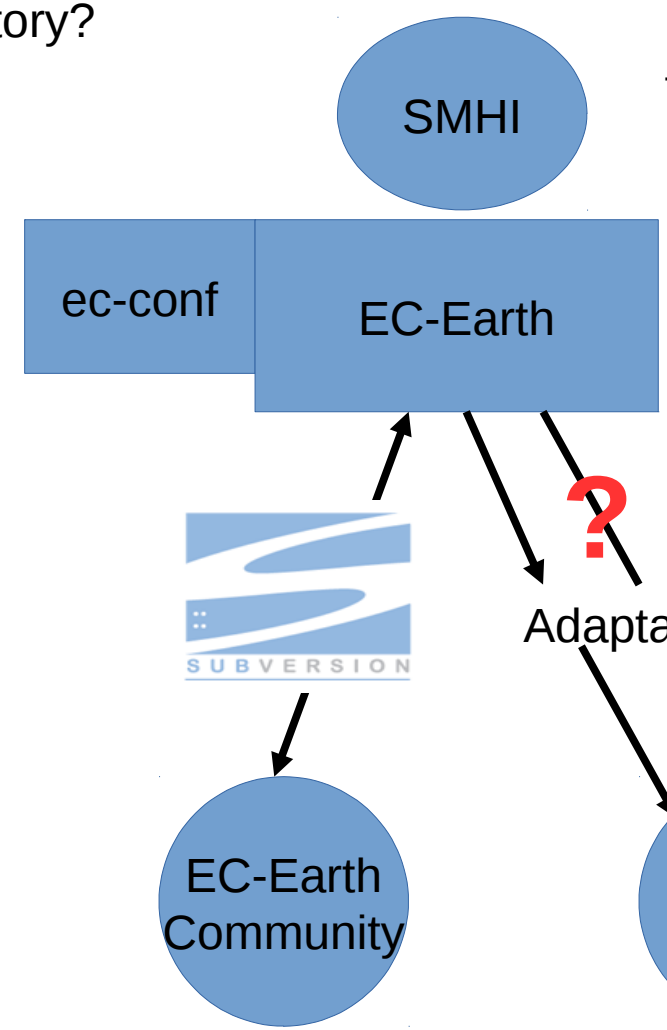
Domingo Manubens – Chloé Prodhomme

Actual situation



In the future?

How are we going to be in phase with the central repository?



How are we going to share all the PRIMAVERA developments (2 technicians at BSC):

- Very high resolution config
- Tuning at HR
- On-line diagnostics
- ….

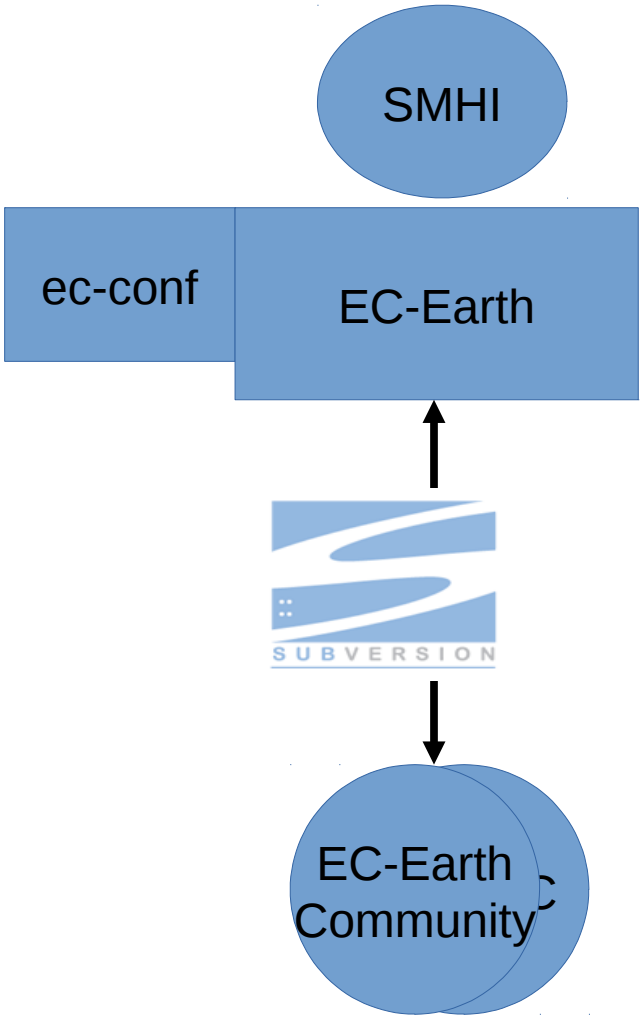
git

Autosubmit

Reproducibility
Monitoring
Platforms/queue
Automatic plots
Data transfer
Post-processing
….

+ running ensembles
+ maintaining previously developed options
….

Converge and work together!



Reproducibility
Monitoring
Platforms/queue
Automatic plots
Data transfer
Post-processing
....

+ running ensembles
+ new options
....

Recent progress – Starting point

Road to converge to a common way of working?

Run ec-conf + run.sh from Autosubmit

The rest of the EC-Earth community can use easily Autosubmit

Run ensembles and more options with ec-conf

ec-conf could set parameters without manual intervention
ec-conf –set-param STARTDATE 19870501 config-run.xml

Add an advanced section in config-run.xml
Run script getting too complex?

?

To be continued

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Discussion