

#### ESAP HPC&HTC integration working group update

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**ESCAPE WP5 Progress Meeting** 

26-27 October 2020

ESCAPE - The European Science Cluster of Astronomy & Particle Physics ESFRI Research Infrastructures has received funding from the European Union's Horizon 2020 research and innovation programme under the Grant Agreement n° 824064.





### Focus group update

Only discussion about requiremens.

Main open questions identified:

- HPC&HTC infrastructures require Authentication&Authorization: a model is needed
- A Job/Task description is needed?





# **Authentication and authorization**

Authn and Authz are not an option in HPC and HTC infrastuctures

- resource access policies
- billing policies

Authn and Authz have two levels

- platform level
- computing center level
  both must be managed.





# Job/task description

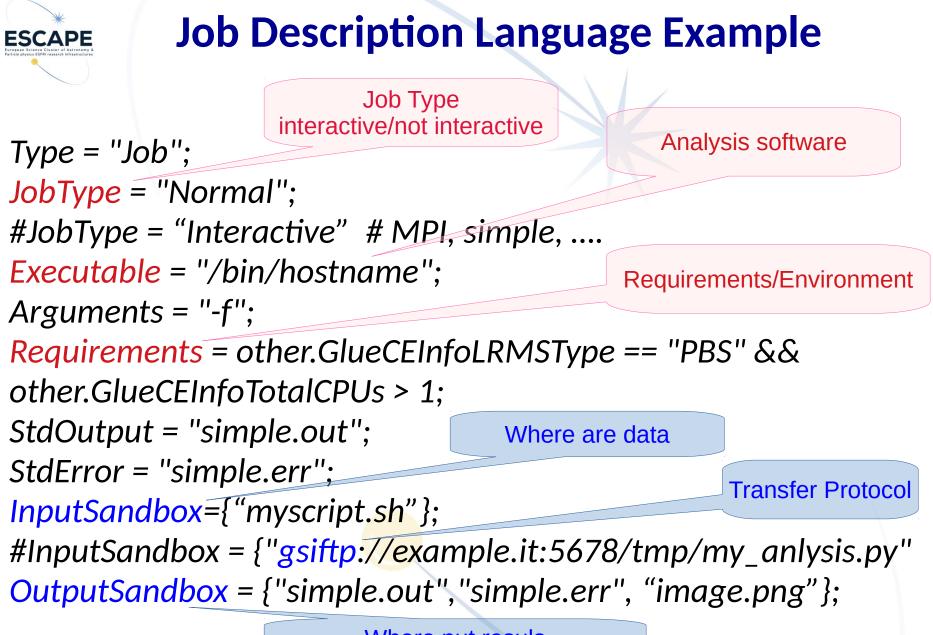
Run analysis software in a computing infrastructure HPC or HTC requires:

Data staging/access

if an already existing infrastructure is exploited, data staging is needed

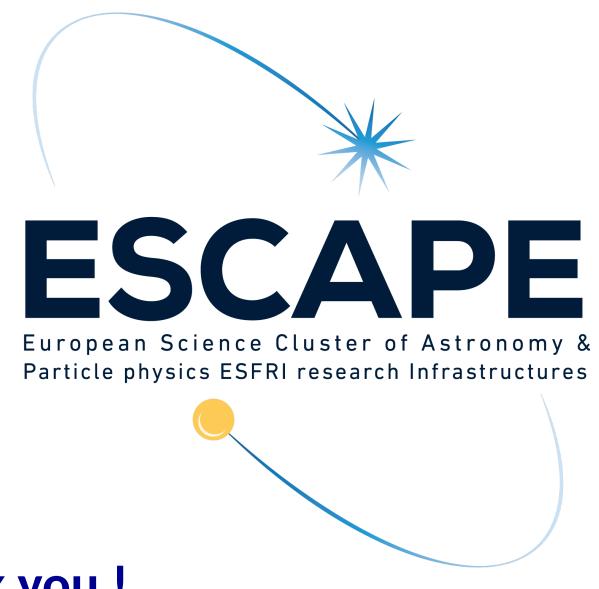
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Where put resuls





## Thank you !