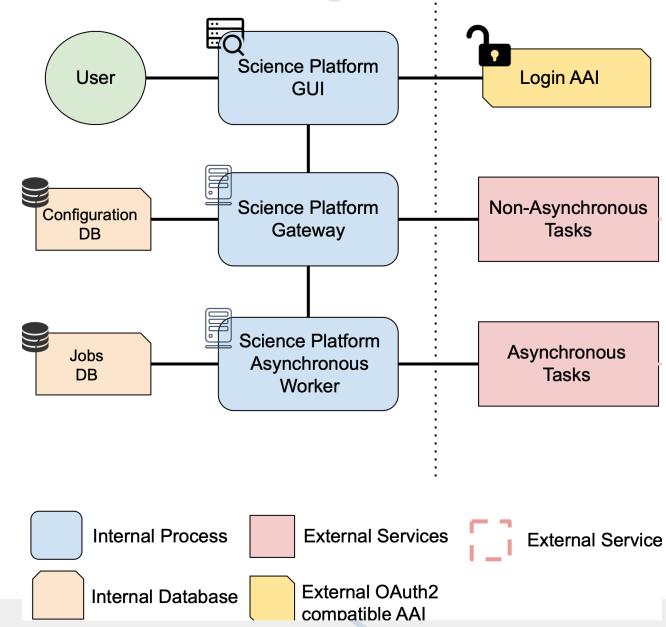






#### **ESAP Outline**

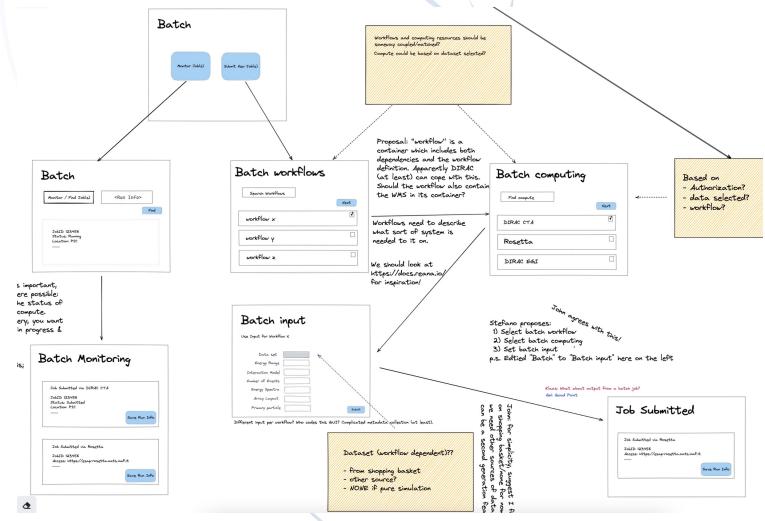








### **ESCAPE** The Plan



https://excalidraw.com/#room=d22af41a7f9224424e39,kuSMiRmqaqqBKKWQhp\_Wzg

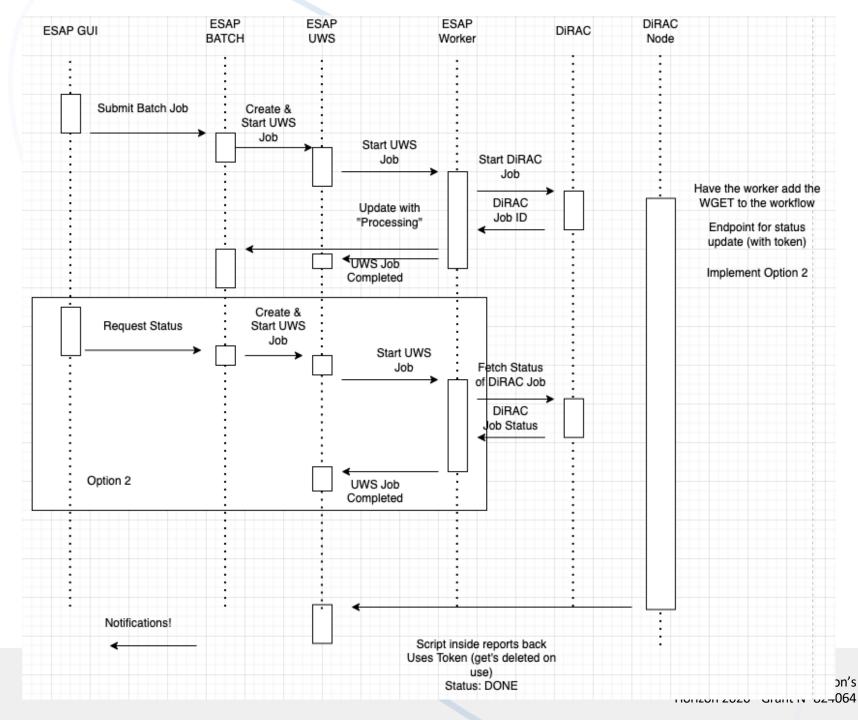






ESAP Busy Week: The Plan

> Klaas Kliffen (Astron)

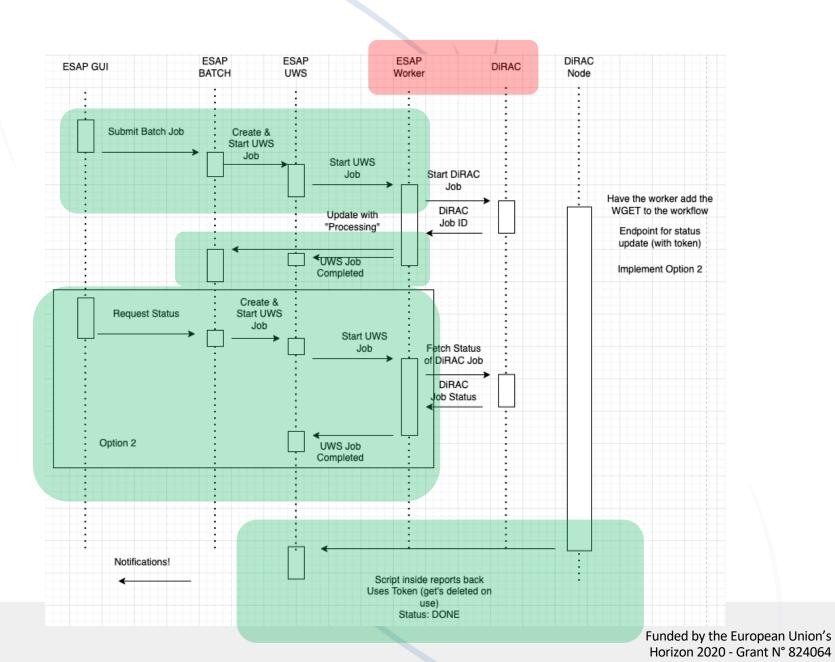








Just after the ESAP Busy Week we got this far

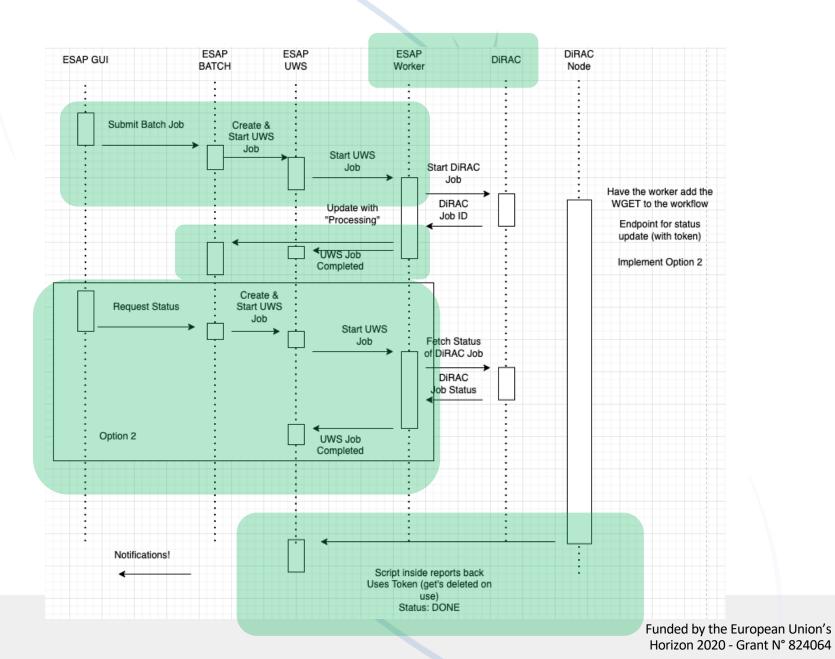








**ESAP-Worker** and CTADIRAC running in the same container + talking to the API and GUI

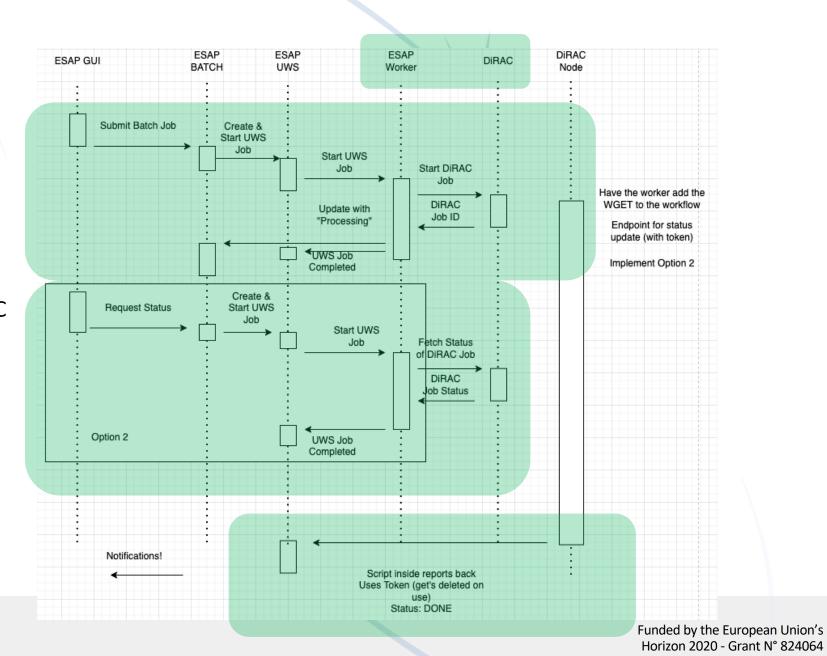








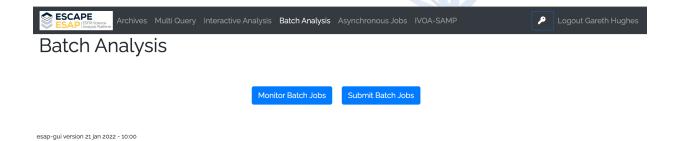
We can now use the Worker to submit and monitor jobs on CTADIRAC







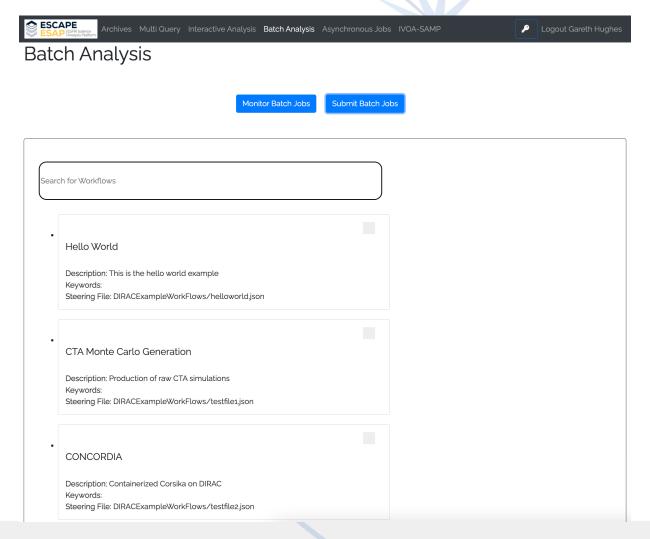




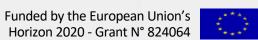
https://youtu.be/4kAskIWFuFk



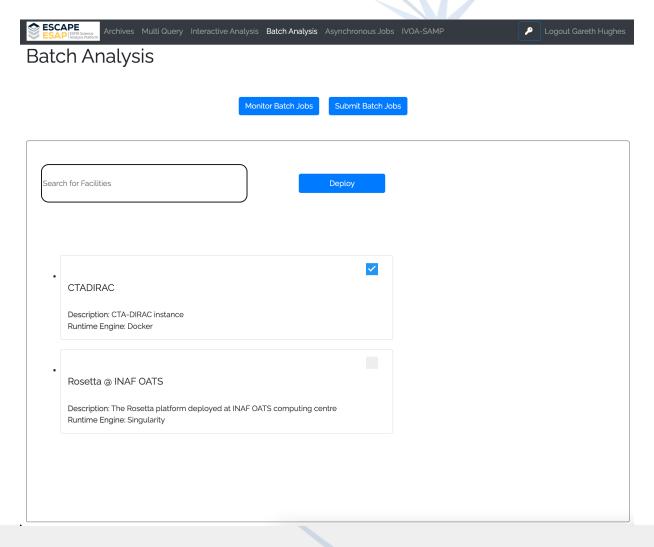


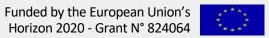








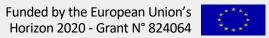








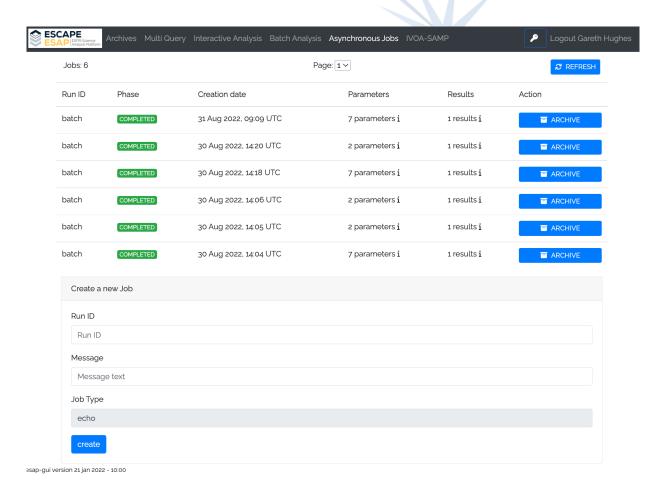
SESCAPE ESAP ESFRI	Science Archives Multi Q	uery Interactive Analysis	Batch Analysis		IVOA-SAMP	P	Logout Gareth Hughes
Batch Analysis Submission							
ESAP Hello World Example							
This workflow is the example							
Parameter1	1						
Parameter2	2						
Parameter3	33						
Parameter4	GG						
Parameter5	test						
Parameter6	default						
Submit							
Job Number: 6 Status: PENDING							
Select RUN to submit the job with the above parameters or ABORT to cancel.							
Abort Run							
Job Number: 6 Status: EXECUTING							
esap-gui version 21 jan 2022 - 10.00							





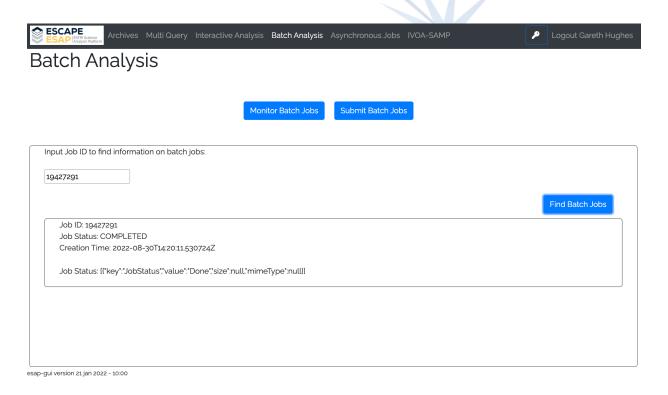


## **ESCAPE**Surpeau Science (STR) Lustrer by Transpurpe Async UWS App



Funded by the European Union's Horizon 2020 - Grant N° 824064





obID=19427291 ApplicationStatus=echo "{"Parameterl": "999", "Parameter2": "2", "Parameter3": "33", "Parameter4": "66", "Parameter5": "test", "Parameter6": "default", "type": "batch.submit"}" successful; MinorStatus=Execution Complete; Status=Done; Site=LCG.IN2P3-CC.fr; parameter9... "ApplicationStatus=echo "{"barameter1": "abba." "barameter5... "5", "barameter3... "33", "barameter4... "60", "barameter2... "test", "barameter9... "barameter9... "fest", "bar





### **ESCAPE** Conclusion

- We have a locally running version of ESAP that can access DIRAC
- This uses the new UWS async worker
- Next:
  - Do a real-world example
  - Work with WP4 IVOA Execution planner

### Links:

- Plan: <a href="https://excalidraw.com/#room=d22af41a7f9224424e39">https://excalidraw.com/#room=d22af41a7f9224424e39</a>, <a href="https://excalidraw.com/#room=d22af41a7f924e36">https://excalidraw.com/#ro
- Diagram: <a href="https://app.diagrams.net/#G1Ao01iHs0uXReJLJYk1B8gdOYhyFK0DhA">https://app.diagrams.net/#G1Ao01iHs0uXReJLJYk1B8gdOYhyFK0DhA</a>
- Video: <a href="https://youtu.be/4kAskIWFuFk">https://youtu.be/4kAskIWFuFk</a>



