Notebooks, EOSC, …

André Schaaff

Centre de Données astronomiques de Strasbourg

4ème Semi-Hack-a-thon OV France

5&6 avril 2018

Notebooks

- Au CDS, intégration de Aladin Lite dans des notebooks Jupyter T. Boch / J. Desroziers

- Quelques exemples

- https://github.com/cds-astro/ipyaladin

- https://mybinder.org/v2/gh/cds-astro/ipyaladin/master?filepath=examples

Du côté de l'IVOA

- Message de B. Major

- « At the end of February, a "Science Platforms" workshop was held at STScIin Baltimore.It served as a follow-up to the well attended BoF on Science Platforms at held in October at ADASS in Santiago. This workshop was a fruitful 2.5 day informal gathering of (predominantly) US-based data centres and projects to share with each other groups' experiences in building cloud-based science platforms. »

☐ Du côté de l'IVOA (suite)

- « The projects and groups in attendance are converging towards a common set of technologies and architecture to support interactive data analysis.The list is not surprising:a notebook environment (Jupyter /JupyterLab), a notebook spawner (Jupyter Hub), a container environment(Docker), a container orchestration environment (Kubernetes). Data discovery from the notebooks though TAP or a similar query service. Data is made available through an abstraction layer to distributed file systemsand/or network storage. »

Du côté de l'IVOA (suite)

- « **At the IVOA meeting** to be held in **Victoria** at the end of May there will bea **session dedicated to the topic of Science Platforms**. I encourage you to use this opportunity to share your implementation experiences as the GWS working group looks for ways to integrate these platforms into the astronomy data community. »

Du côté de l'IVOA (suite)

- Slides from the workshop:
- https://stsci.box.com/s/5ypxsgpbdhr7r2x92o97ilsl91fe3uwo

- GitHub repository with notes: https://github.com/spacetelescope/science-platforms-workshop

- Slack channel: https://scienceplatforms.slack.com

□ EOSC, ...

- European Open Science Plateform
- http://ec.europa.eu/research/openscience/index.cfm?pg=open-science-cloud
- https://eosc-hub.eu/