

Dave Morris



Research software engineer

*"Research software engineering is the use of software engineering practices in research applications."*  
- Wikipedia



International Virtual Observatory



EU Horizon  
2020

**ESCAPE**  
European Science Cluster of Astronomy &  
Particle physics ESFRI research Infrastructures

Inter-operable data access

Gaia DMP

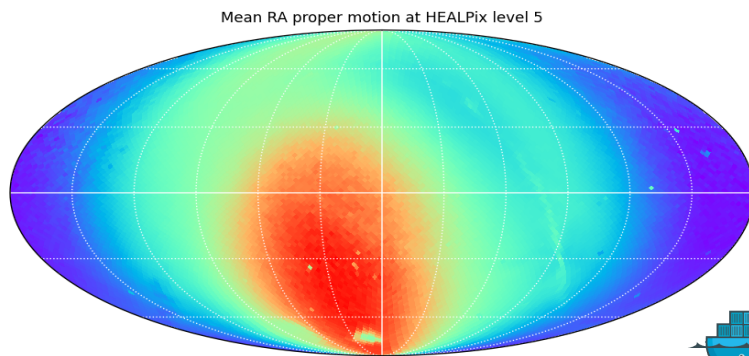
Data mining and  
machine learning  
platform



gaia

APACHE  
**Spark**™

Apache  
**Zeppelin**



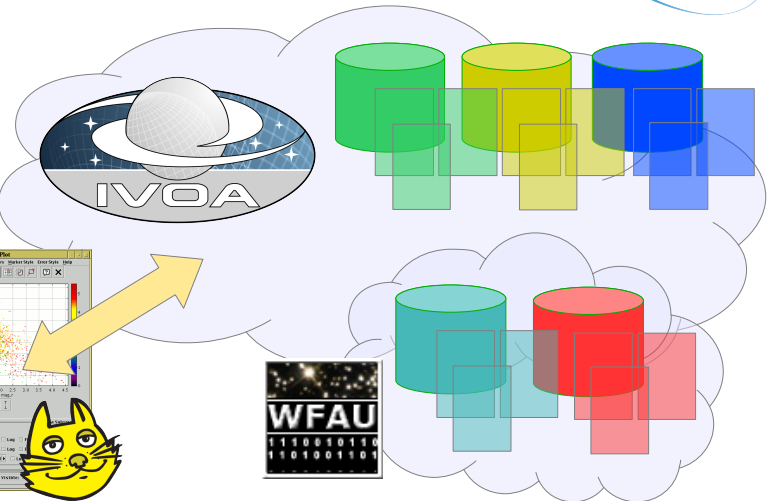
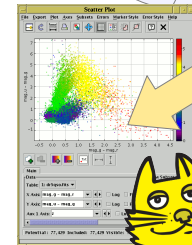
**kubernetes**



docker



openstack.



[our data] + [their data] = [interesting results]



Working from home since 2003