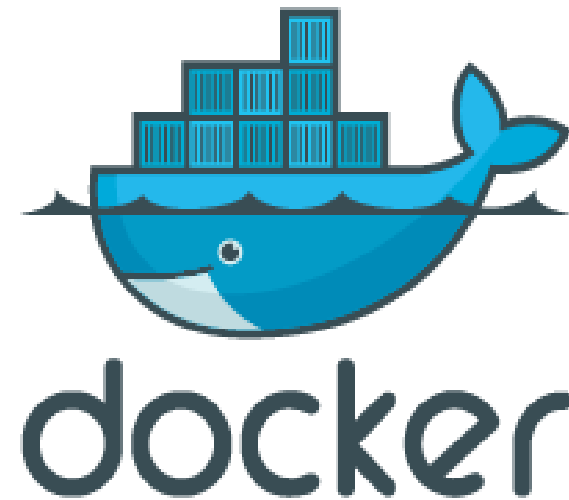


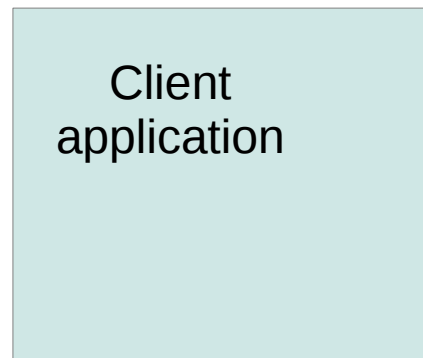
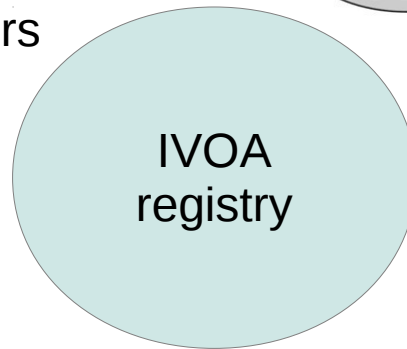


Wide Field Astronomy Unit (WFAU)

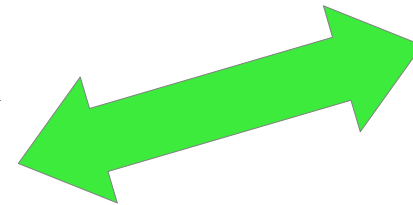
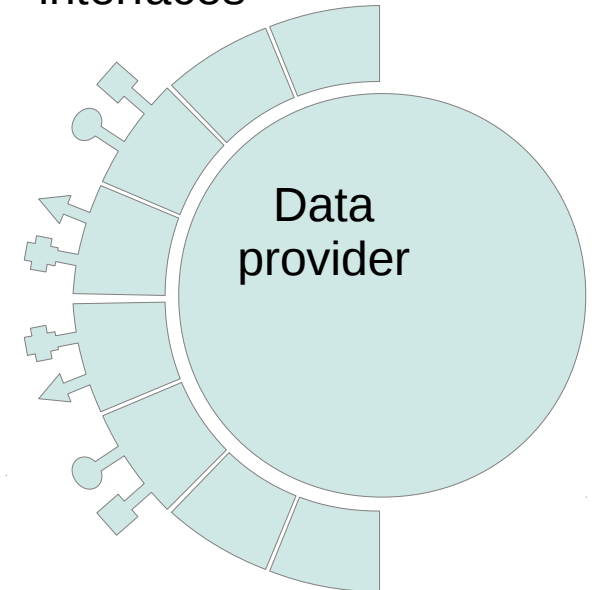
Inner space



Data providers register the services they offer to *external* clients



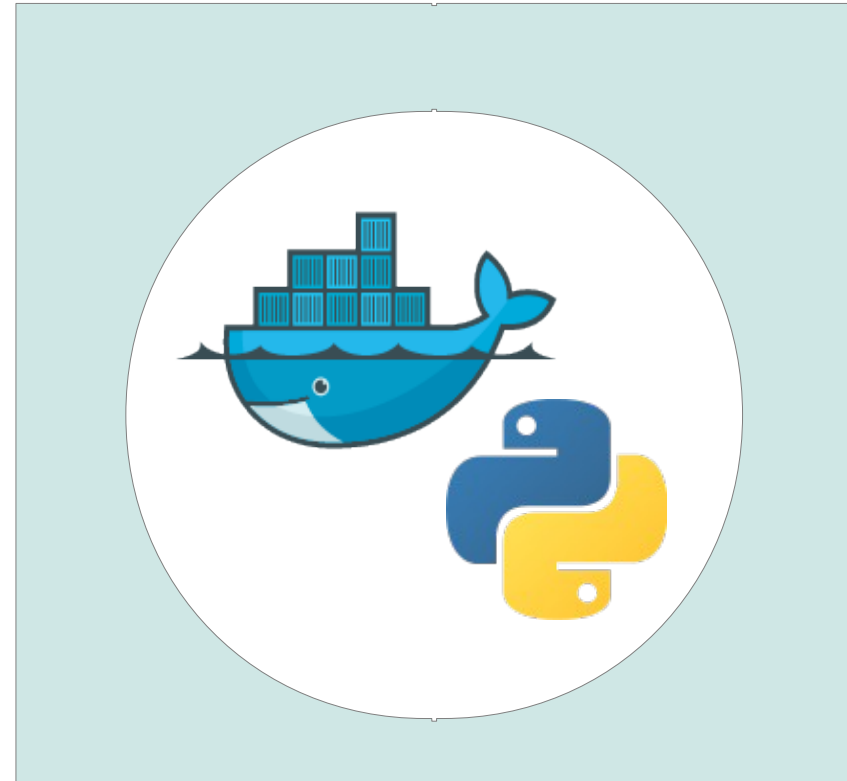
Published interfaces



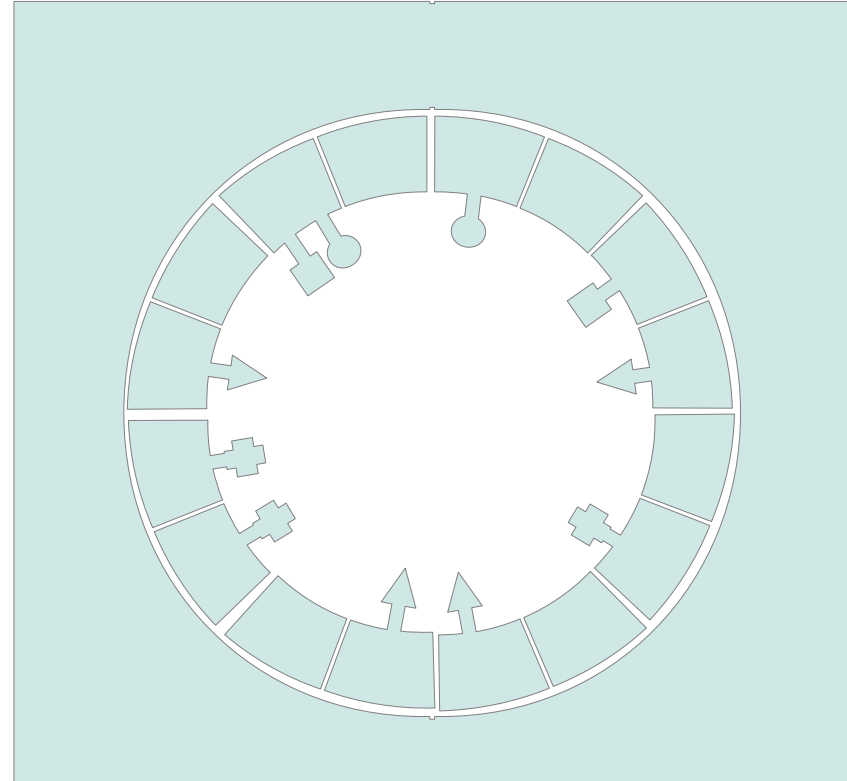
Client uses the Registered endpoints to access the services

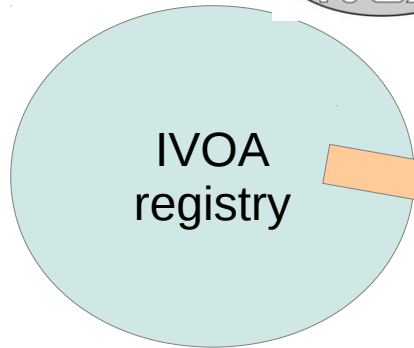


Using Docker to run Python analysis code inside a datacenter

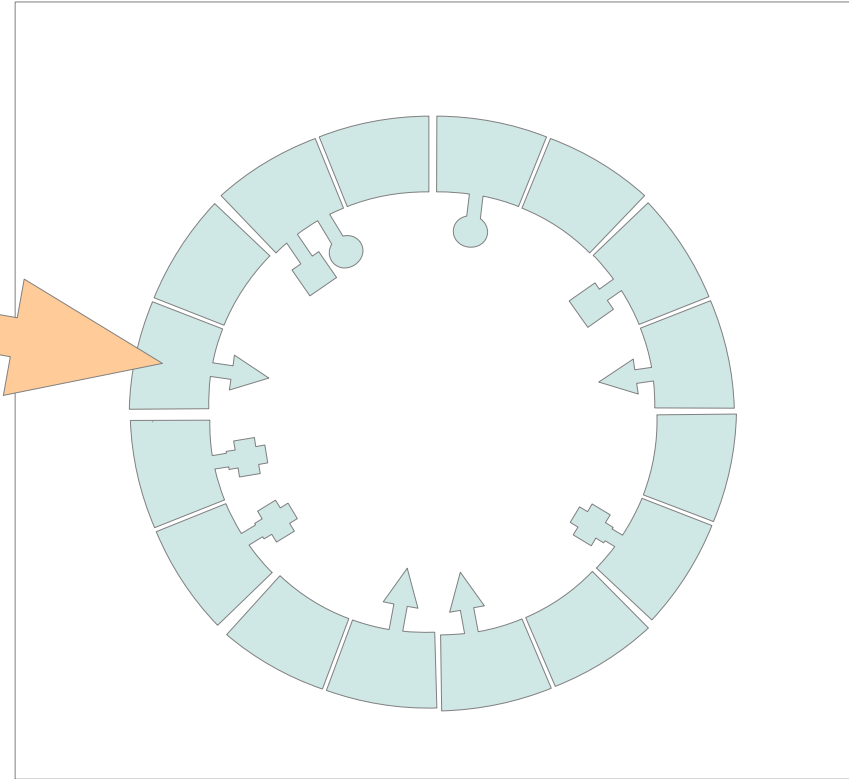


Define standard APIs that  
are available inside  
a datacenter

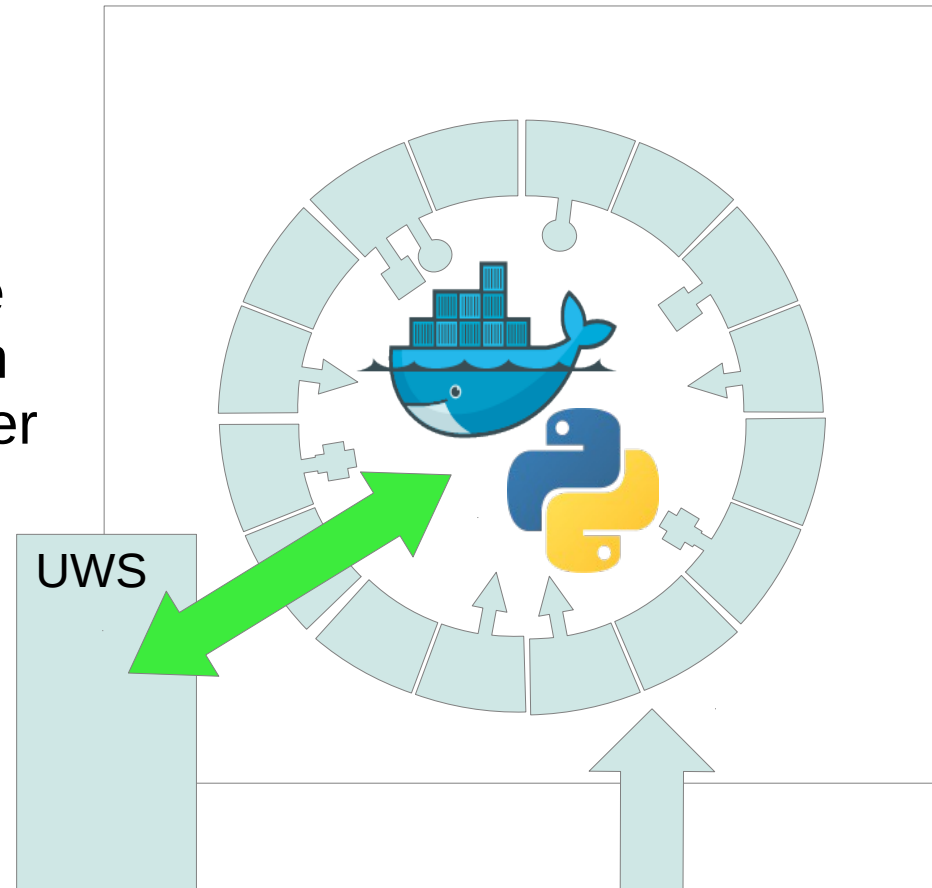




Register a description  
of the APIs that are  
available inside a  
datacenter

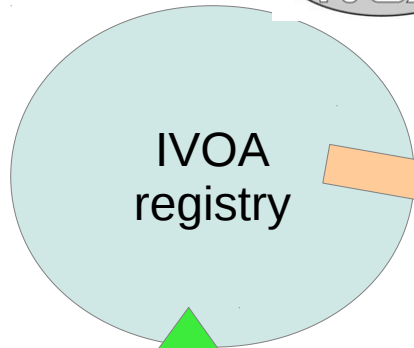


UWS service capable of launching a Python application in a Docker container inside the datacenter

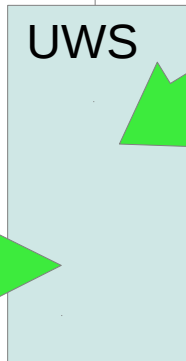
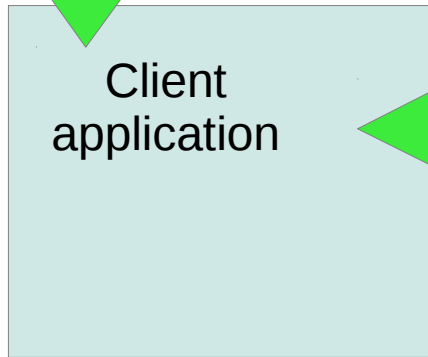
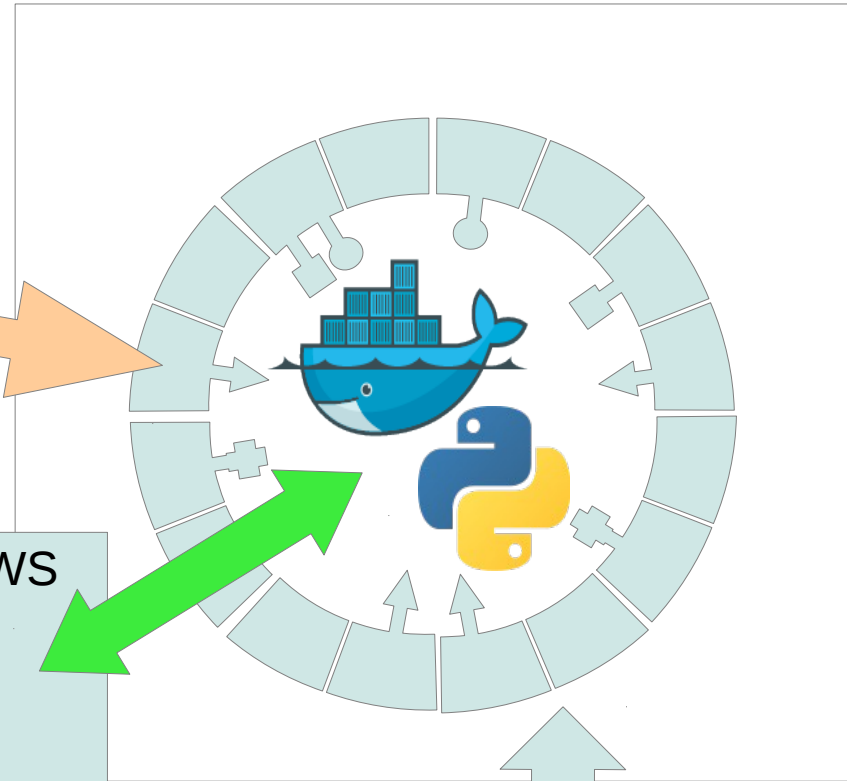


Docker repository of pre-packaged Python applications

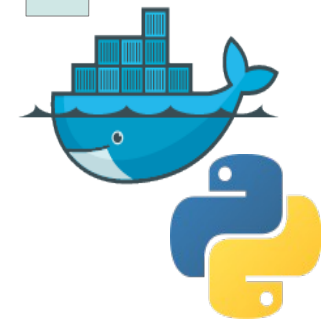




Registry describes available APIs



Client queries the registry to figure out how to run the applications it needs inside the data center



Standard way of running  
the same applications  
inside different  
data centers

