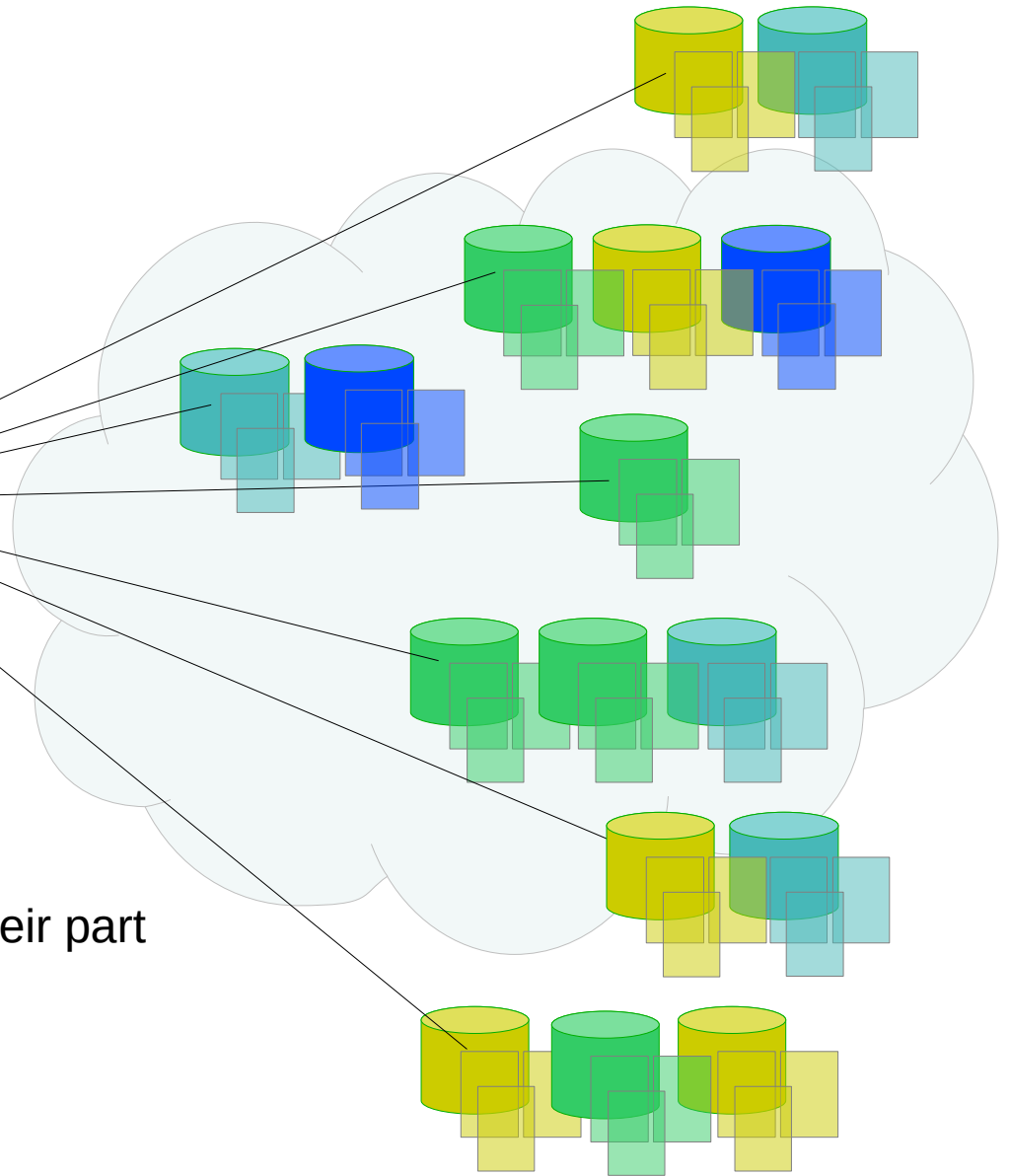
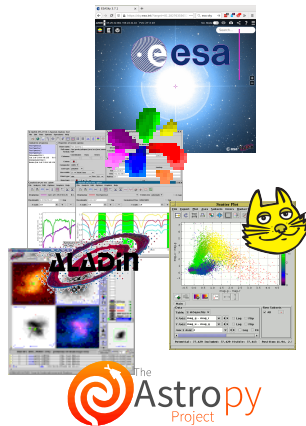
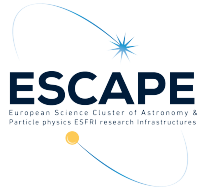


## The Virtual Observatory

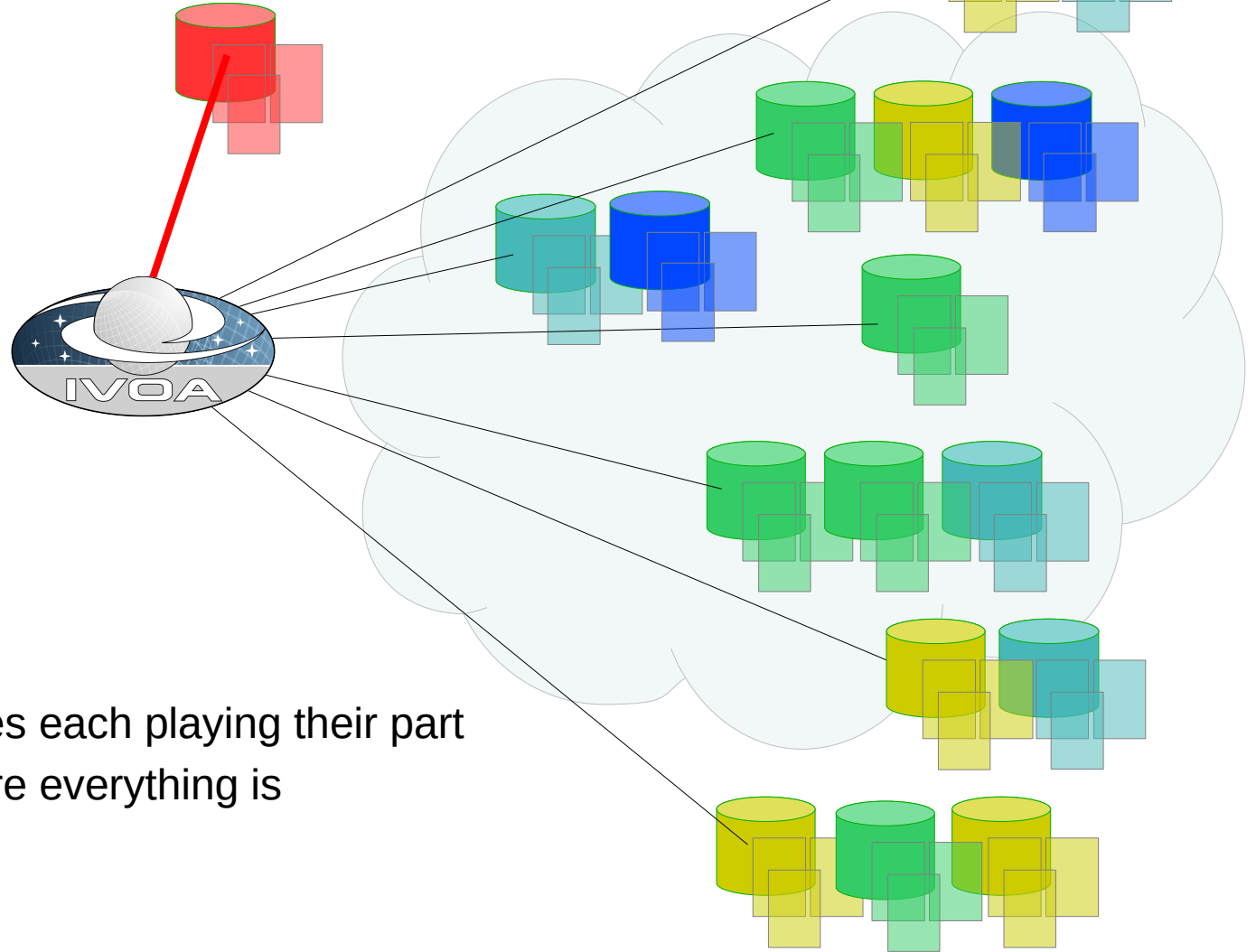
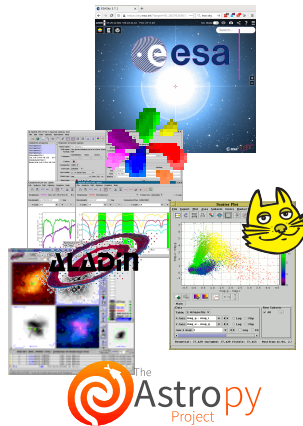
All the data from all the world .... in the cloud





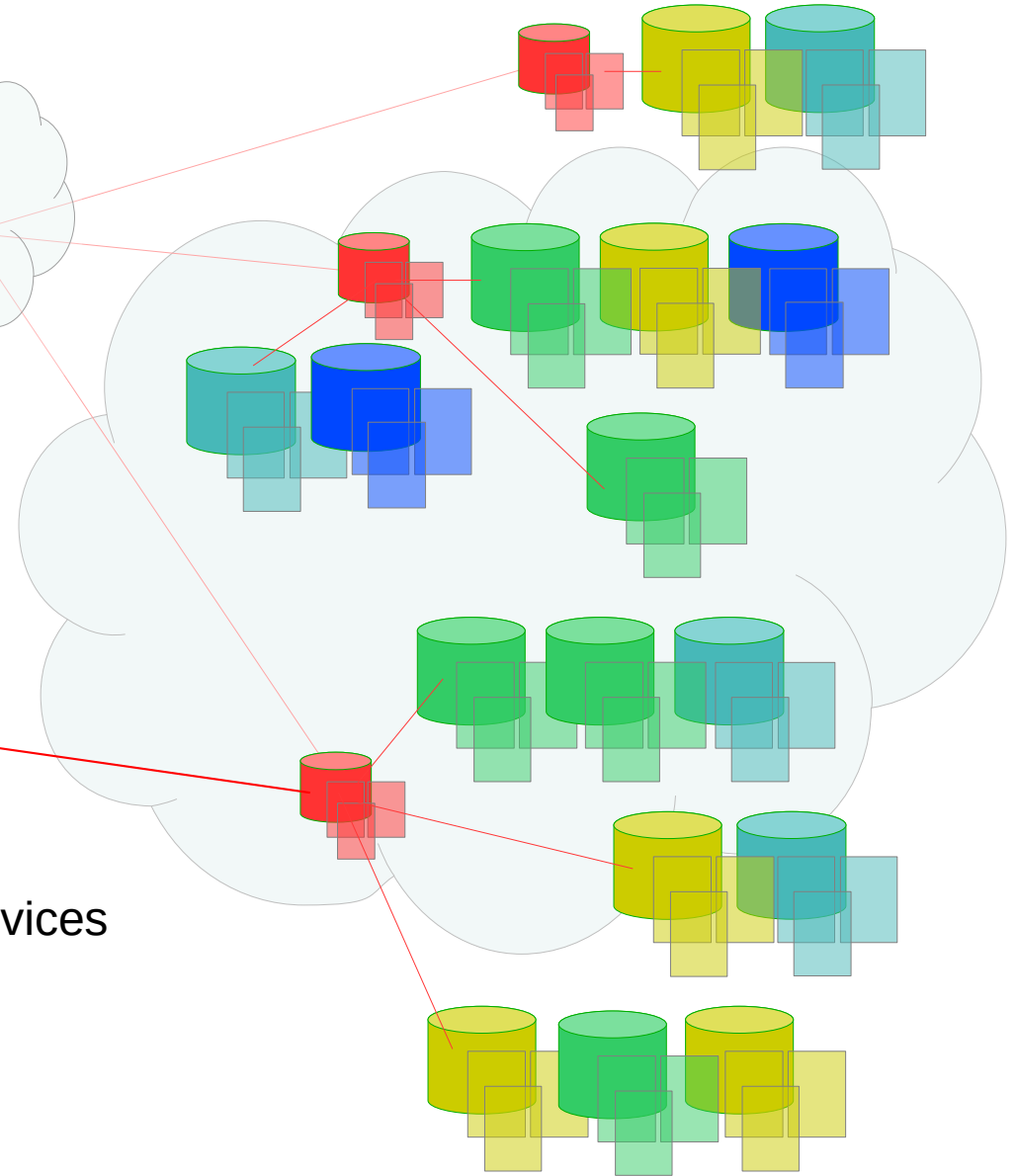
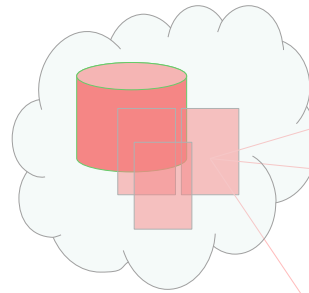
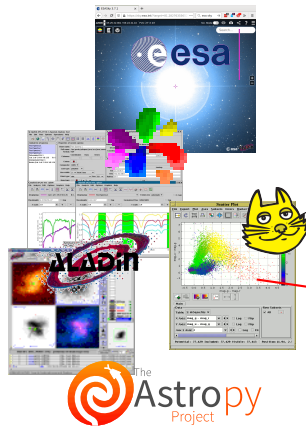
Lots of individual services each playing their part





Lots of individual services each playing their part  
The registry knows where everything is





The registry itself is made up of many services  
Data is replicated between the nodes  
Query any leaf to get the same result

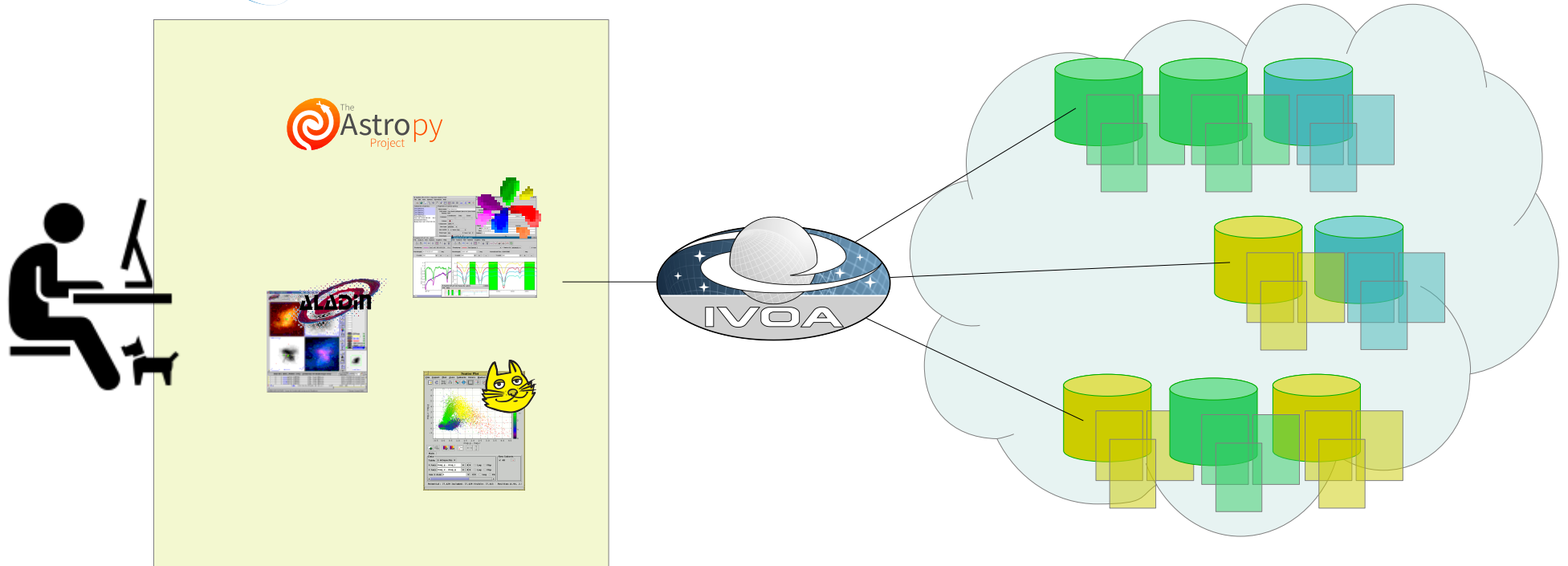




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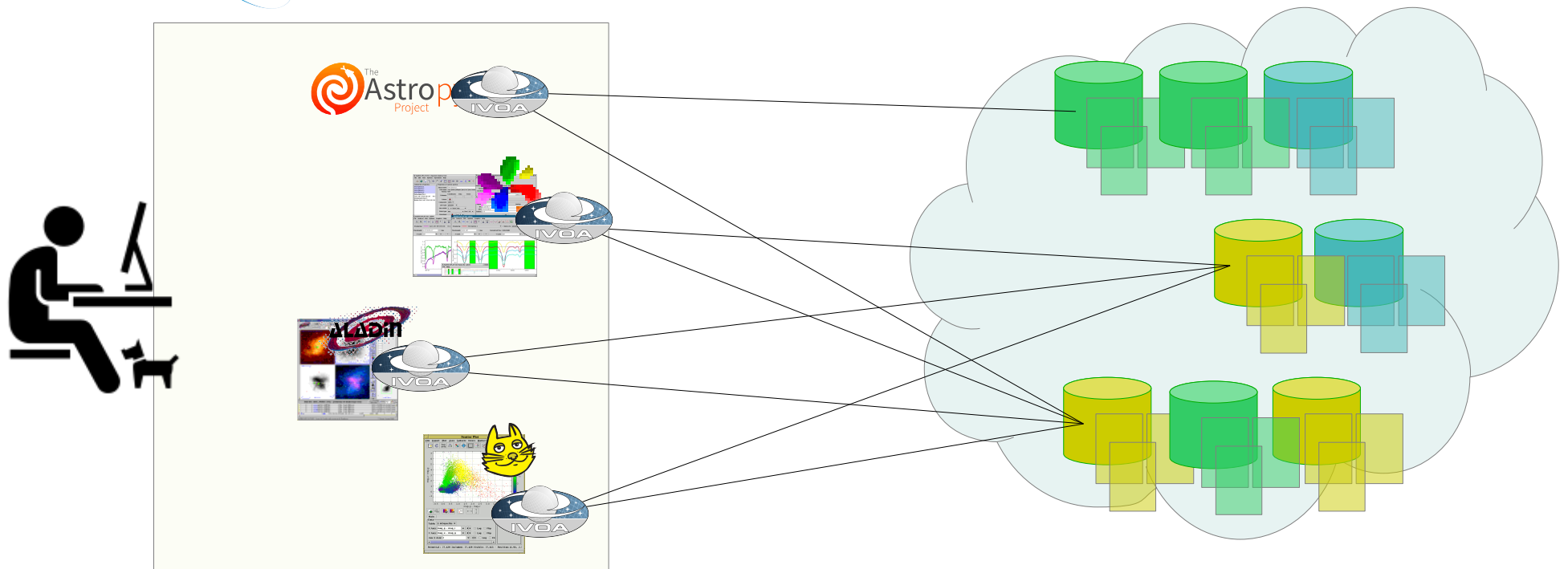
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IVOA interop meeting  
May 2021



## The Virtual Observatory

All the data from the cloud .... available on your desktop

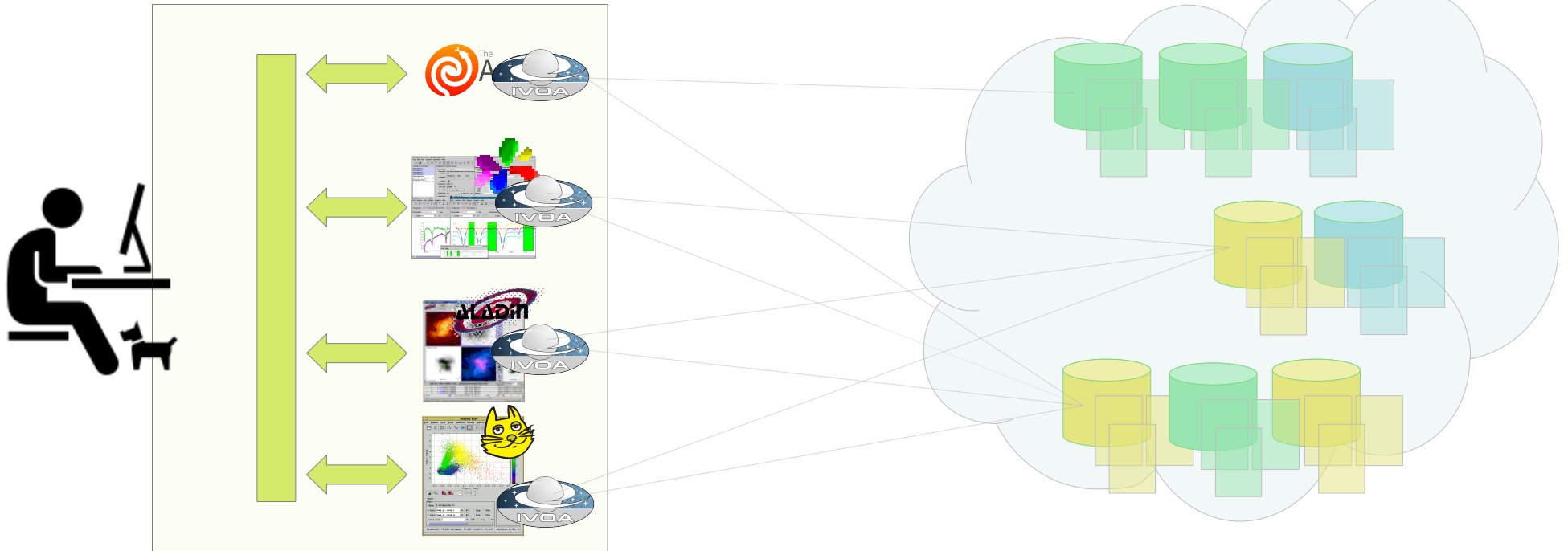




All the data from the cloud .... to each desktop app

Each application maintains its own connection to the VO





SAMP is a message bus within your local computer

Applications can use SAMP to send messages to each other

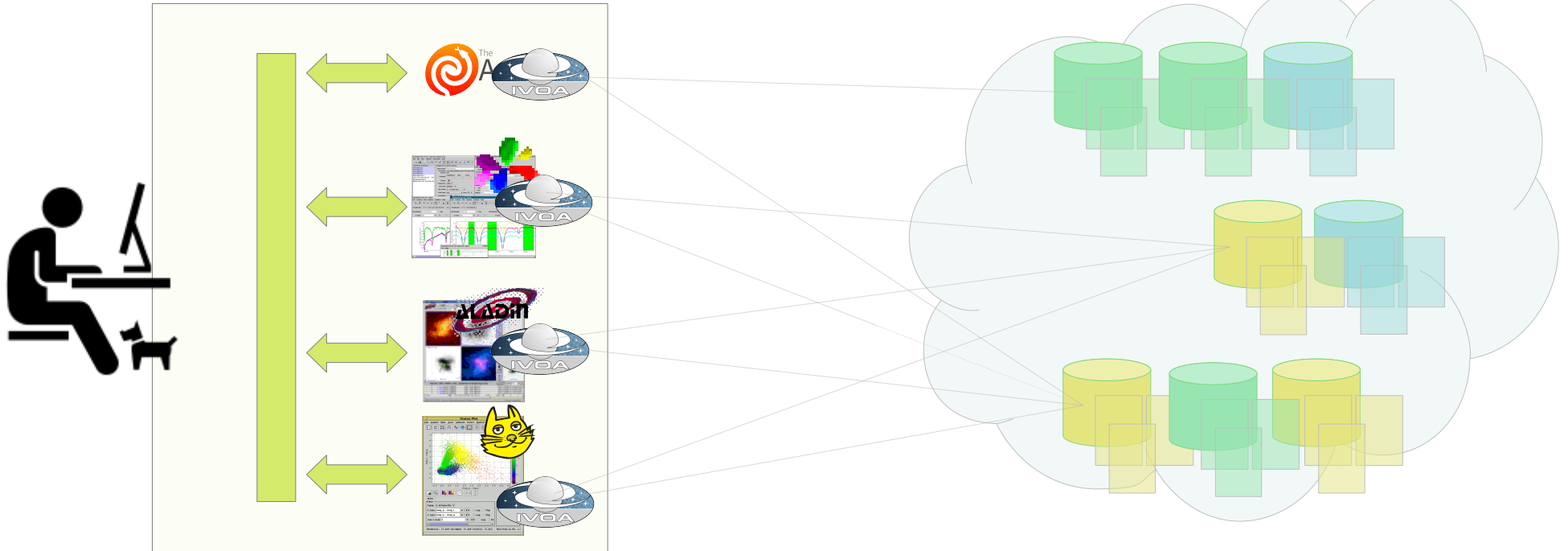
`table.load.votable <http://example.org/.../table.vot>`

`image.load.fits <http://example.org/.../image.fits>`

`coord.pointAt.sky <ra,dec>`







Messages can be sent to specific applications

Send to Aladin:

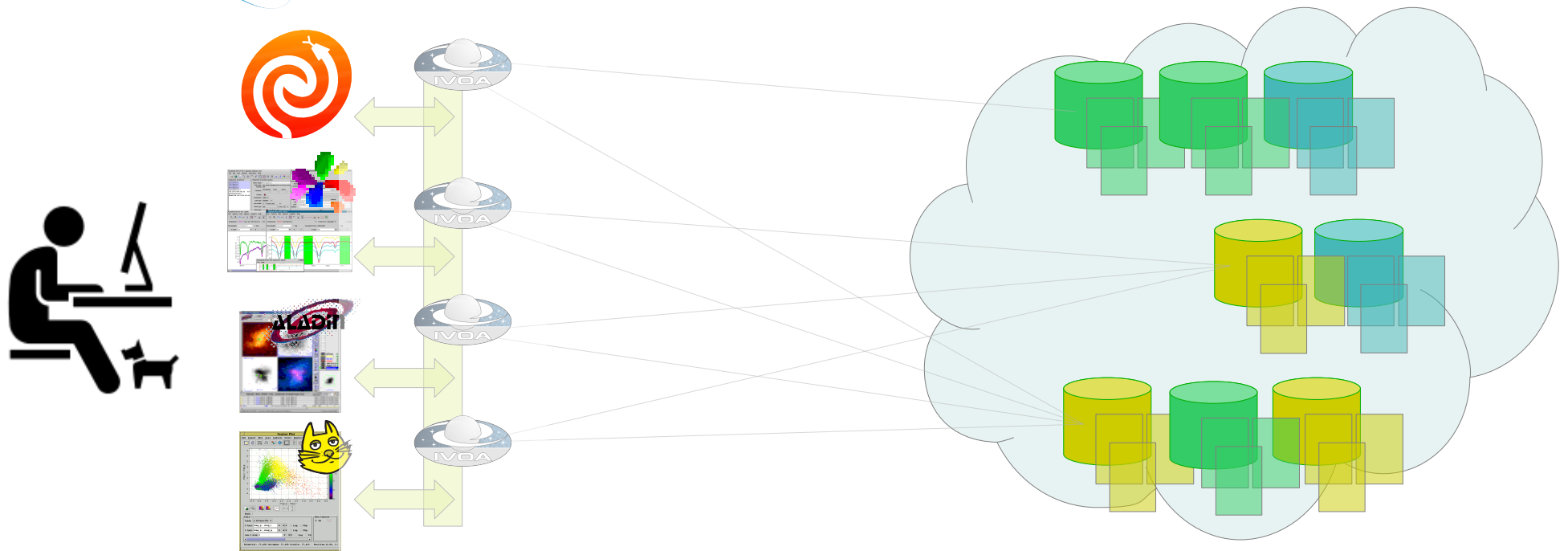
image.load.fits <<http://example.org/.../image.fits>>

Or broadcast to all listeners

Send to all:

coord.pointAt.sky <ra,dec>





## The Virtual Observatory

If we have done our job right, all the details disappear

All the data from the cloud .... available on your desktop





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