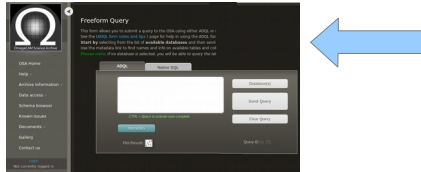
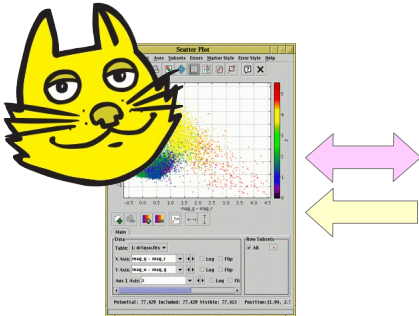


## Client applications

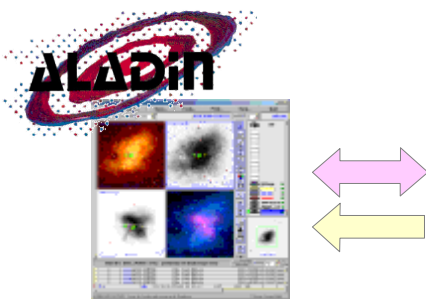
### Web browser



### TOPCAT



### Aladin

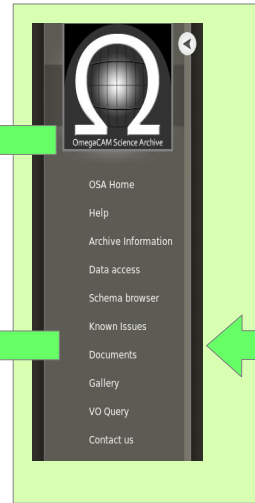
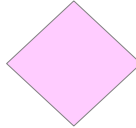


## User interface

HTML

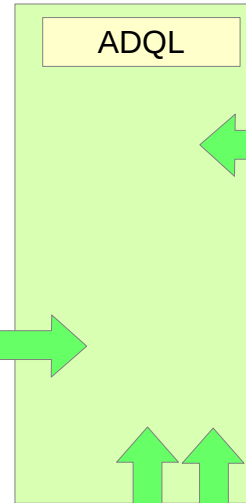


SAMP

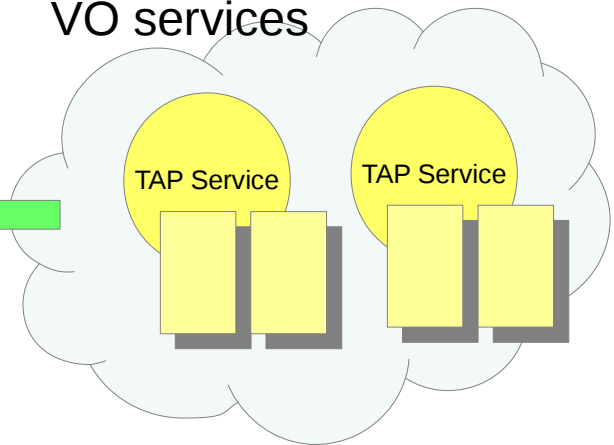


## Firethorn

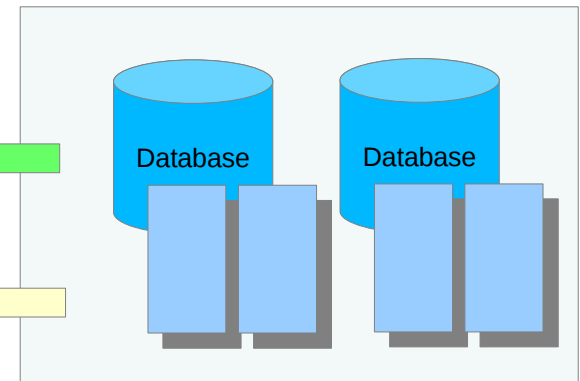
ADQL



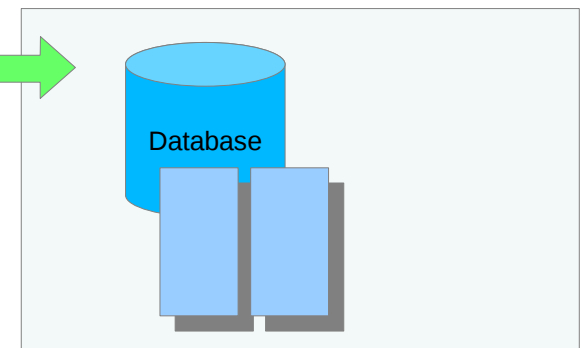
## VO services



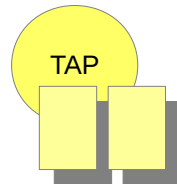
## Local catalogues



## Temp store

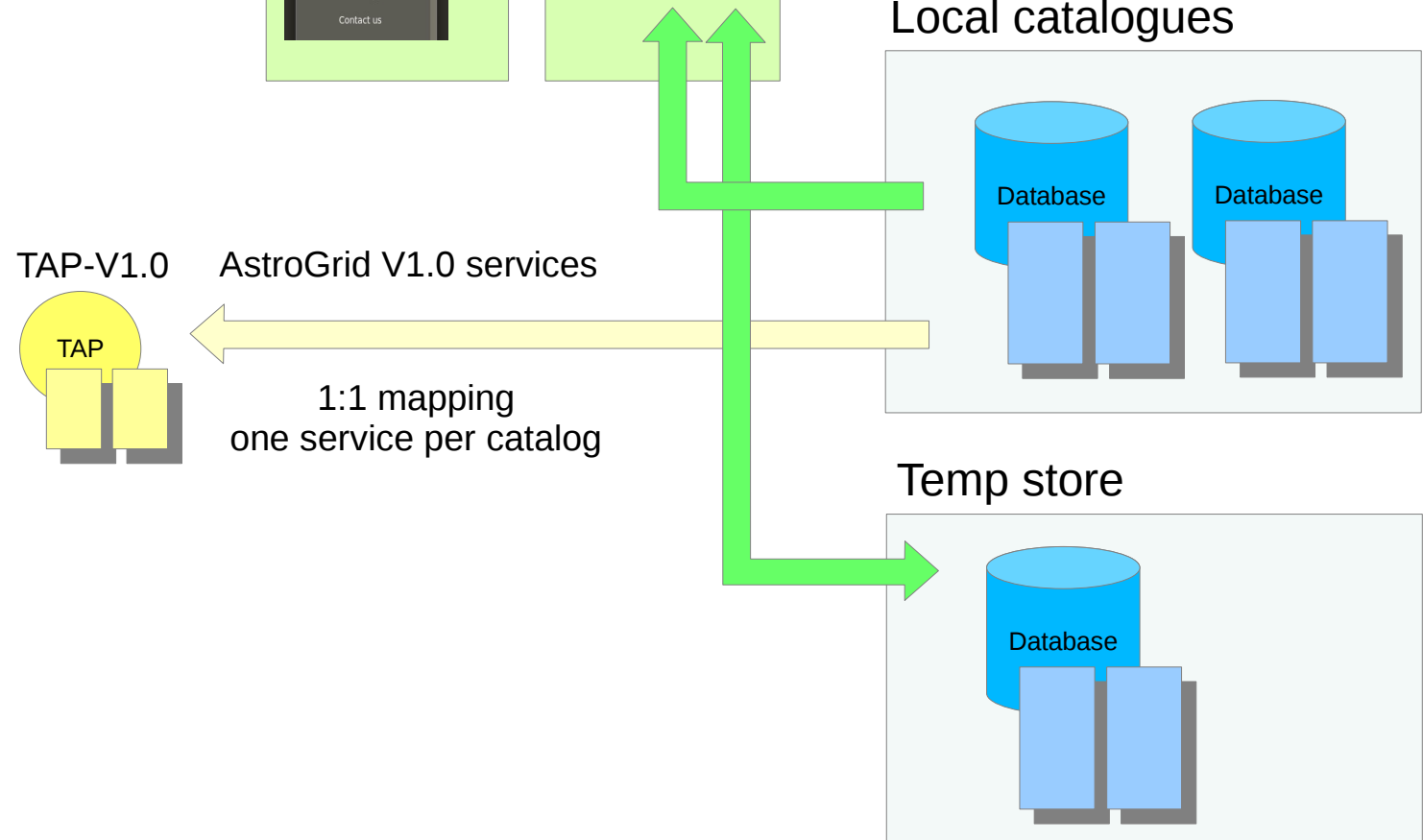


TAP-V1.0



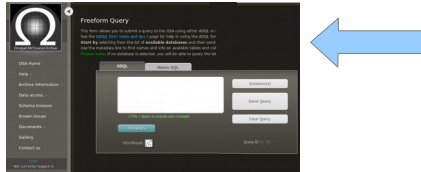
AstroGrid V1.0 services

1:1 mapping  
one service per catalog

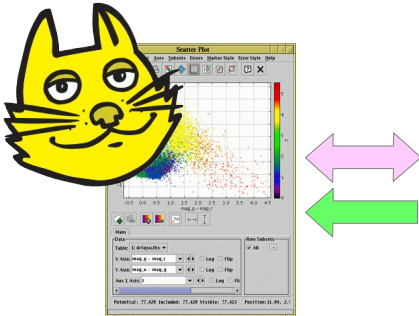


## Client applications

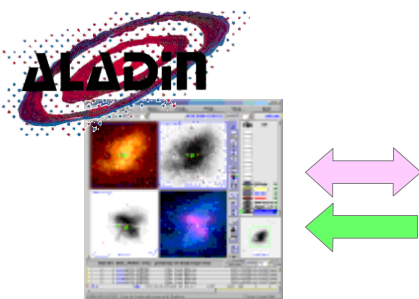
### Web browser



### TOPCAT



### Aladin

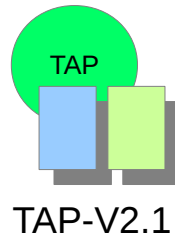
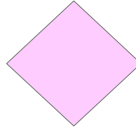


## User interface

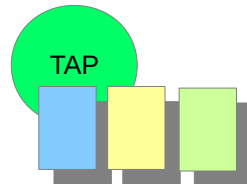
HTML



SAMP



TAP-V2.1



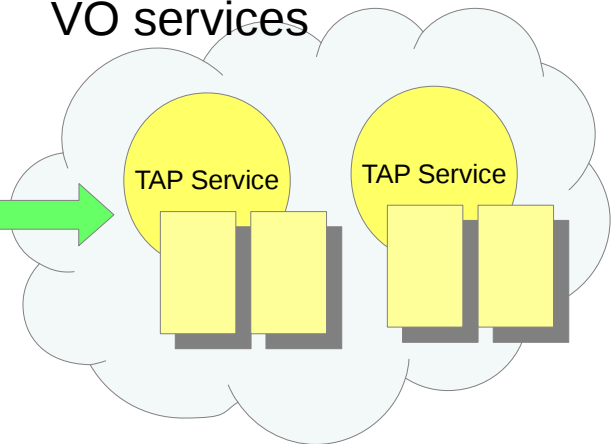
Flexible mapping  
between services  
and catalogs

Compute resources  
for end user  
data analysis

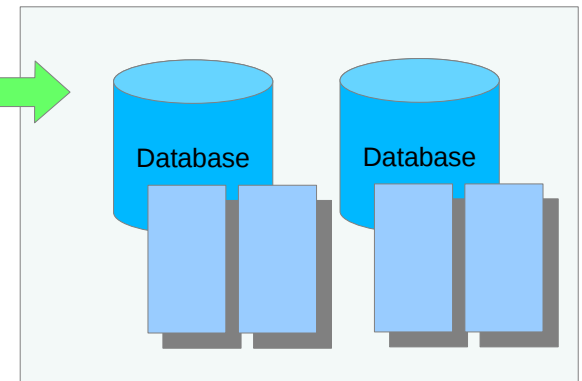
## Firethorn

ADQL

## VO services



## Local catalogues



## User data

