

TOUCAN

A colorful toucan bird perched on a branch, positioned behind the word "TOUCAN".

A virtual observatory gateway for asteroseismic models

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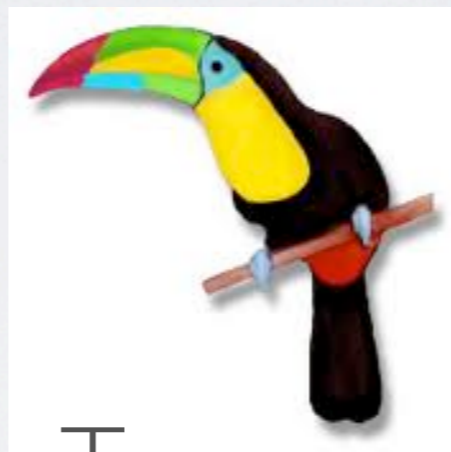
dBases



TOUCANserver



Local



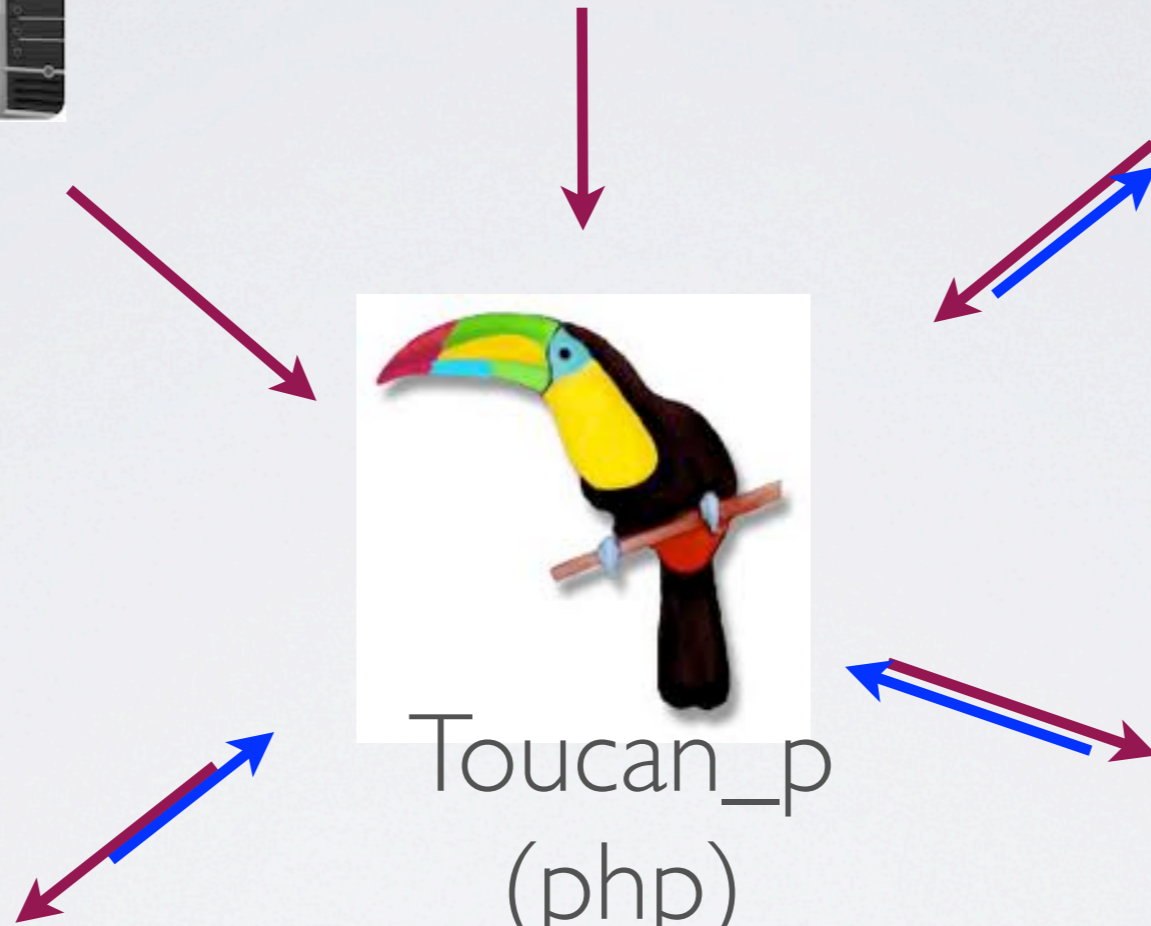
Toucan_p
(php)



Grid/Cloud



Seismic+

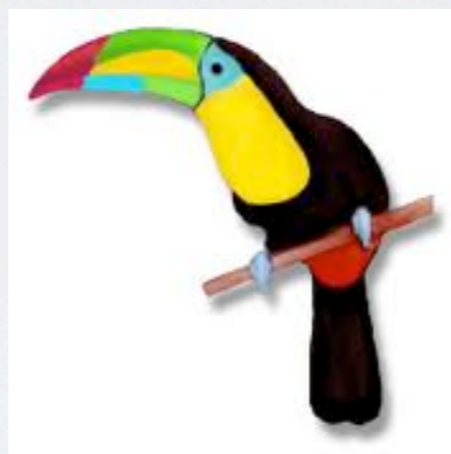




dBases



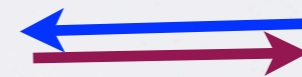
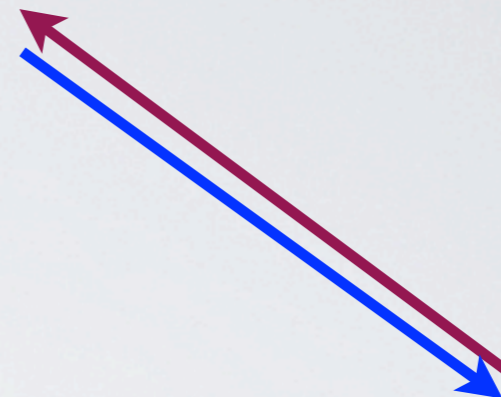
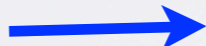
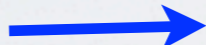
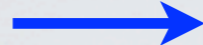
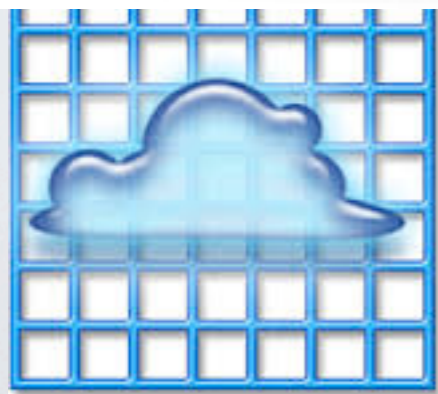
Toucan_n



Toucan_s



Happy User





Asteroseismic Models

Evolutionary Models

Oscillations

Seismic Indices

S+
Stellar Par

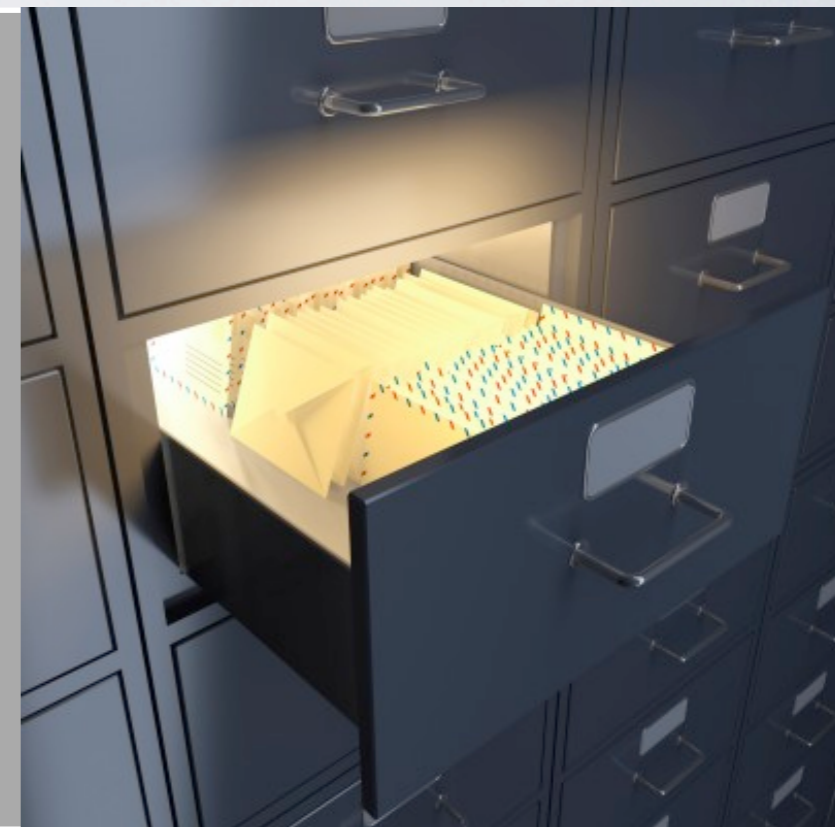
S+
SSI

S+
Portal

A WORK CONCEPT

Data Collections

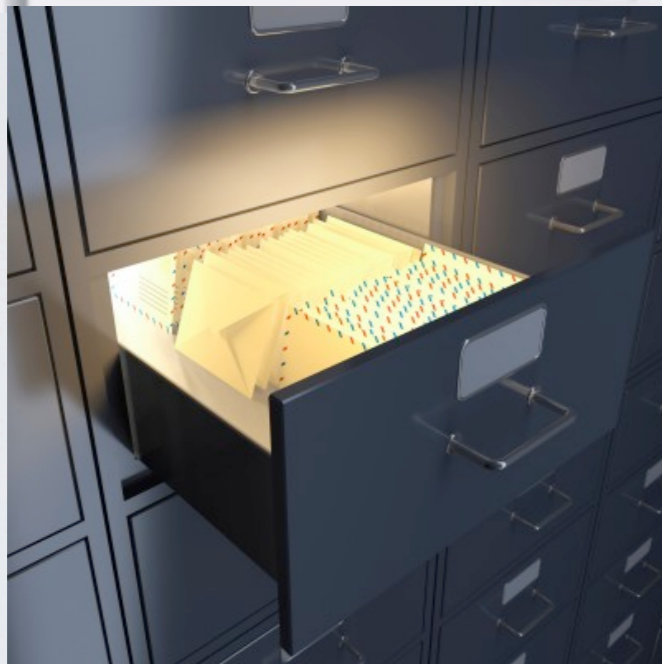
Toucan_n database
user / standards (e.g. by community)
physical parameters
seismic parameters
public / private data collections
visibility through Toucan AND Seismic+



DISCUSSION



full integration in S+



data collections in S+

DISCUSSION



Toucan_nodes



Quickly from TBytes to Pbytes
Distributed Environment (e.g. ERFlow)



VisIVO Graphic Tools



DISCUSSION



MANPOWER

typically work is done by
someone

C. Rodrigo (20%)
+
full-time engineer (2yr)
or
half-time engineer (3yr)