

# Provenance Day Heidelberg 14/06/16

## Goal:

- Have an official draft for Trieste

## CTA news :

- Discussion between Mathieu and Karl Kosack (pipeline) : set of parameters as an entity. Different activities must be declared to take into account an important parameter.
- Questions (for the CTA team): How to integrate the access to the provenance data through the pipeline (python framework)? Pipeline functions to access CTA data? For example the pipeline developer has to use a special function open which fills the provenance and opens the file...
- Trait ?
- Each use case has its own API

## RAVE:

- Different kinds of graph: sankey diagram, dtree diagram
- Kristin develops the possibility to see the full graph but also a part of the graph concerning an entity.

## Discussion:

- All OK to have a contribution to ADASS 2016 (Mathieu :CTA+Provenance, Kristin :Provenance overview)
- Next meeting in Paris one full day: Tuesday 19/07/16 or Wednesday 20/07/16 or August 22nd (we could see the connection between SimDM and ProvDM, perhaps we will invite somebody as David Languignon, we could also invite Karl Kosack from the CTA pipeline group)
- Provenance week: all the comments are on the W3C provenance list
- RDA provenance interest group last meeting: only 2 people (David Dubin and Mathieu)

## Model:

- Split the relation between Activity and Entity in 2 (wasGeneratedBy, used) with a role attribute (first image, ...):
  - o Default : input/output
- Storing the activity/entityDescriptions to give them to UWS for example
  - o Make a proposition for next meeting

## Access to the database :

- query without parameter class: provTAP (ObsCore like) ?
  - o 1 table for all the relations
- retrieve provenance description

## Draft:

- Requirements: give specific questions (A, ...) but minimum requirements (for example : get the progenitors)
- Collection : use case to convince that it is useful