CoSADIE's Data Center Survey

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- Data Center survey:
  - old surveys, new approach
  - Data Center Description
  - Resource Description

- European Data Centre Forum in June
- CoSADIE Report

Data Center Questionnaire:

CoSADIE's Purpose:

- assess the **status** of adoption of Virtual Observatory technologies

- work out what is **required** to enable further interoperability between the various data providers

UHEI is conducting a survey of data centers, continuing the previous analogous efforts from EuroVO-DCA (2008) and EuroVO-AIDA (2010) with

- 148 resource descriptions
- from 22 Data Centers

Former surveys, our approach

- Complex, multi-part questionnaires, seemed to baffle clients at times
- There seemed to be some mismatches between what clients wanted to say and what we asked

Our approach:

- Data Center and Ressource Description as free text
- Fields are pre-filled from old answers to ease answering process
- We will extrakt information from the free-text data to generate input for the report

Showcase:

http://g-vo.org/cosadie-census/showcase

„Data Center Description

Please give whatever additional information you deem useful for describing your data center. We would particularly appreciate your input on the items like:

- *Aims, thematic/scientific focus, wavebands covered.*

- *What is your target audience? Can you estimate what percentage of it is aware of your services?*

- *Do you offer dedicated user support facilities? "*

*„ **Individual Data Collections and Services***

For each resource, we would be interested in aspects like:

- *Description*
- *When did you establish your data collection?*
- *Do you have expectations on its lifetime?*
- *Kind of archived data (images, spectra, catalogues, time series, etc).*
- *How was the data generated?*
- *...*

- *...*
- *What are the user's access options (e.g., web page, web service, custom client, VO interface...)?*
- *Are there access restrictions?*
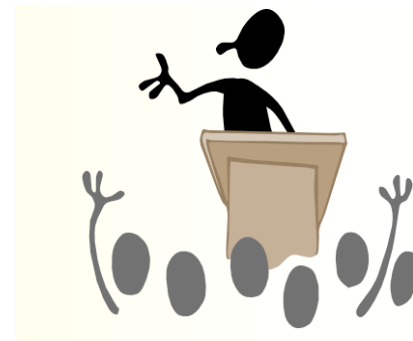- *Calibration status (raw data, calibrated data, catalogue data)*
- *...*

- *...*
- *Data size (or, for storage services, space available)*
- *Quantitative information like, e.g. total volume of holdings, number of pointings, number of rows, as appropriate).For computational services, the number of nodes, GPUs, etc. if available* "

What do you think?
Comments?
Alternative formulations?

European Data Center Forum in Heidelberg

June 10 - June 11

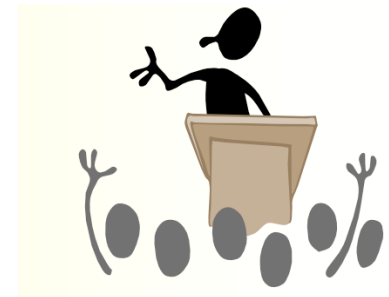(See: http://g-vo.org/cosadie-dcforum)

Aims:

1. Demonstrate VO tools supporting new Data Centers

2. Gather **feedback** and **requirements** from the whole European community of astronomical Data Centers

What do you think?

Form for the Forum: Talks, Discussions,
Technical Sessions?

Can you establish contact to ...

e.g.: E-ELT, CTA, SKA, VLT, LBT, ALMA,
LOFAR, GranTeCan, Euclid, other space
progammes, **...?**

We have to write a report, the following questions are coming up.

- What is keeping people from adopting VO standards?
- What subdisciplines, what wavelength ranges are
    - particularly bad,
    - particularly good?
- Are there low-hanging fruits?

Please add *your* questions here.

Thank You !