

Lecture 24 – Client’s Perspective

Advanced Data Management

Data Science & Scientific Computing / UniTS – DMG
Scientific and Data-intensive Computing / UniTS – DMG

What do we work for



- “Open science is the idea that scientific knowledge of all kinds should be openly shared as early as is practical in the discovery process.”

Michael Nielsen
OpenScience ASAP

- Open, FAIR, Linked, interoperable, linked, ... data
- Formats, models, metadata, identifiers, vocabularies, ... for resources
- Data management: the data providers side ...

Let's have a look at the consumer's end ...

A couple of examples



- CDS tutorial

- <https://www.asterics2020.eu/dokuwiki/lib/exe/fetch.php?media=open:wp4:school4:tutorial-cds.pdf>

- CDS Portal

- <http://cdsportal.u-strasbg.fr/>
- Simbad, Vizier, Aladin(Lite)
- Aladin, (TOPCAT)

- “Hyantis” tutorial

- <https://github.com/hendhd/hyantis>
 - See the PDF step guide there
- TOPCAT, PyVO (python), Aladin