DataLink 1.1 discussion
DAL running meeting #6

F.Bonnarel (CDS)
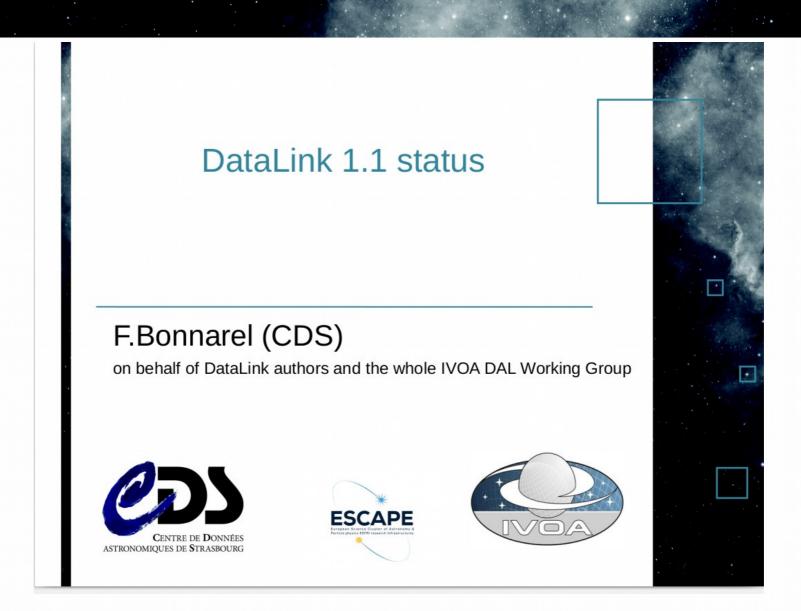
on behalf of DataLink authors and the whole IVOA DAL Working Group

CENTRE DE DONNÉES ASTRONOMIQUES DE STRASBOURG

ESCAPE
European Science Cluster of Astronomy & Particle physics ESFRI research infrastructures

IVOA

- link_auth and link_authorized columns
  - Tell if an authorization is required for the link and then if the user's identity is authorized
  - PR prepared by Pat.
  - Includes text for managing optional columns
  - Comments ???

- OVERFLOW text consistent with DALI and limit stressed on the total number of ID accepted by the service
  - Can be used for batch queries
  - PR prepared by Pat.
  - Comments ?

- dataproduct_type issue :
  - Cannot be a parameter of the content_ type (media type) according to RFC
  - Propose a new optional «content_qualifier» FIELD
    - By default : with IVOA dataproduct_type vocabulary terms
    - With other vocabulary terms in other use cases (in that case use the full uri of the term)
  - PR prepared by FB
  - Comments ?

- Templating mechanism in accessURL in service descriptor
  - To tackle services (REST like) where PARAM=value interface is not enough
  - Templating based on RFC-6570 IETF
  - Example :

    ```
    <PARAM name="accessURL" datatype="char" arraysize="*"
        value="http://tapvizier.u-strasbg.fr/TAPVizieR/tap{/synOrasync}?REQUEST=doQuery"/>
    ```

  - PR prepared by LM + FB.
  - Comments by Mark Taylor (already adressed) : template value syntax and name/id attributes role confusion.
  - How to distinguish substitution coming from inputparams than those coming from FIELDS

Issues discussed recently

- Trey Roby :

  - Port other Datalink FIELDS (semantics, content _qualifier) in service descriptor

  - Distinguish optional and mandatory parameters : use « type » FIELD attribute ?

  - Distinguish services retrieving interfaces from actual processing

  - Add an example URL to service descriptors

- move service descriptors spec outside DataLink =

  - In VOTABLE (GDF)?

  - Specific document (PH) ?

- (some others exist : group DataLink results (epn-tap), new DataLink model)