Access

FTP

Access - FTP

- Each volume is uploaded on our FTP.
  - **=> Is there an alternative? (e.g. web API?)**
    - *EDP: possibility to build a web service ; that would also be interesting for them*

Old articles

Access - Old articles

- For space reasons, we do not keep all articles.
  The oldest full volume we have is #562 (year: 2014).
  - **=> Is there a way to download in the same format (PDF+TEX+OBJ+XML+images+...) old articles?**
    - *EDP: Still, possible with a web service*

2 Files

Access - 2 Files

- Currently, for each release of a volume (until its completion), there are 2 files (.tar.gz):
  - a light file (TEX+OBJ) - `aa_vVOLUME_*-_rRELEASE.tar.gz`
  - a full file (PDF+XML+images+...) - `aa_vVOLUME_*-full_rRELEASE.tar.gz`
- **=> Why 2 files? Would not it be better to only have the full file in future?**
- **=> What is the status of the use of `\object{}` (.obj files)?**
  - *(mapping table (i.e. object as written in the article = updated name in Simbad))*

File name

Access - File name

- Different name syntaxes (and directories?) in time:
  - `old/vVOLUME/aav0VOLUME*_r*_full.tar.gz`
  - `old/vVOLUME/aa_vVOLUME_*-full_r*.tar.gz`
  - `aa_vVOLUME_*-full_rRELEASE.tar.gz`
- Currently, we try to deal with all of them.
  - **=> Is it possible to agree on a name and to keep it (for some years at least)?**

Releases

Access - Releases

- Currently, several versions of each volume: the releases.
  - **=> Why?**
- The release number is incremental. All archive files must be extracted by ascending release number.
  - **=> Is it correct?**
- We do not use these files until the volume is complete.
  - **=> Why not getting a single archive file for the whole volume once complete?**

Notifications

Access - Notifications

- **=> Is it possible to be notified or be aware when we can automatically download a new published complete volume?**
  - *(full and final version of papers, including tables)*

XML document

DTD

XML - DTD

- Current DTD ID is:
  ```
  -//EDP//DTD EDP Publishing JATS v1.0 20130606//EN
  ```
- Clearly an EDP variant of JATS 1.0
  - so before it became the NISO standard Z39.96...
  - ...and before it changed its version numbering
- **=> Where are the files defining this DTD?**
  - *Impossible to validate the XML without them.*
- **=> Is there any plan to follow a recent official JATS version?**
  - *last version in date is: 1.2 (february 2019)*

Bibcode

XML - Bibcode

- Bibcode already in the XML version of the article
  - **=> Is it always true?**
    - *currently if missing we automatically generate one*

References

XML - References

- For most of the referenced articles, there is a link toward ADS

- BUT ONLY in the PDF and Web versions
    - **=> Is it possible to have such a link in the XML version too?**
- Currently, we try to build a kind of Bibcode with available information
    - BUT not really robust and not always successful
    - **=> Is it also possible to have their Bibcode and/or DOI?**

Typo

Typo

- missing spaces in XML only
    - *problem when missing between a text and an object name ; this name is not identified*
- missing link
    - *just the text is visible (no URL ; tag* `<a href="...">` *)*

CDATA

XML - CDATA

- There is no need to encode XML terms (other than `[` and `]`) inside a `CDATA` special node:
    - _Example - article aa31746-17 of volume 634:

    ```
    <tex-math id="tex_eq51">
     \<![CDATA[\begin{equation*} k_{ij} = \kappa_{ij} (
     R^{\textrm{diff}}_i&#x002B;R^{\textrm{diff}}_j)/n_d\
     \textrm{cm}^{3}\ \textrm{s}^{-1},\end{equation*}]]>
    \</tex-math>
    ```

    - It is quite hard to decode and display such math expression once encoded this way.

Contact & Authors

Technical contact

Technical contact

- **Would EDP/A&A interested by such technical feedback in future?**
- **If yes, who to contact?**

Author instructions

Author instructions

- **=> How to improve the instructions for authors?**
    - check object names in Simbad
    - ....