UCD Helper Tool

**Embedding UCD user interface
in a TAP_SCHEMA manager application**

Marco Molinaro
on behalf of Sonia Zorba
INAF – IA2

Quick Demo

http://cdsweb.u-strasbg.fr/UCD/cgi-bin/descr2ucd

&

UCD tool on TAP_SCHEMA Manager

How does it work

- **Simple REST I/F mapping of CDS SOAP web service methods**
  - validate, explain, suggest, assign
- **Replicates the UCD1+ interactive web I/F**
- **Allows offline use and custom UCD**
  - Offline: syntax check only and 12 main categories
  - Custom: syntax check after namespace prefix (12 categories)
- **Used to "protect" main app from deprecated Java**
  - REST I/F uses deprecated methods
  - Main app simply calls it as an external service

Possible improvements

- **Requiring INAF - IA2 effort only**
  - Use an embedded/local UCD list for offline usage
  - Improve mimic of CDS web I/F
    - re-building UCD on user selection of UCD words
- **In collaboration**
  - Move to REST current SOAP services?
  - Mirror services?
  - Improve services response
    - Currently textual output
  - Offline UCD word list format