




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Centre de Données astronomiques de Strasbourg Strasbourg astronomical Data Center

 Entry point to all services	 Object database	 Catalogue database	 Interactive sky atlas
<input type="text" value="Object/position"/>	<input type="text" value="Obj/position/bibcode"/>	<input type="text" value="Keywords, target, ..."/>	<input type="text" value="Object/position"/>



Other services

			
X-match	Dictionary	Sesame	SimPlay

Hosted services

		TIPTOPbase
ADS mirror	A&A	INES

Keep in touch


	
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Latest news

- The Data Seal of approval awarded to the CDS
- Catalogs added between 09-Aug-2014 and 16-Aug-2014
- Catalogs added between 02-Aug-2014 and 09-Aug-2014
- Catalogs added between 26-Jul-2014 and 02-Aug-2014
- interactive image
- New server for SIMBAD
- ALLWISE HIPS surveys available
- Aladin v8 announcement
- Recent Progressive Survey (HIPS) additions

[More news](#)

Featured news



The CDS has been awarded the Data Seal of Approval.

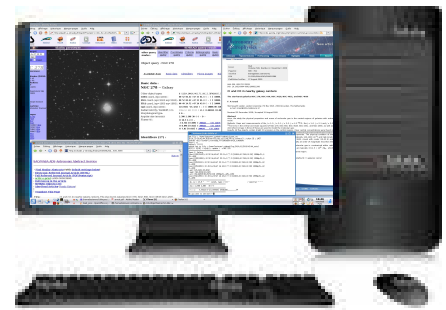
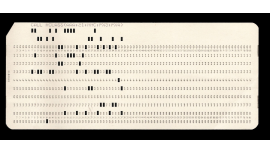




VizieR & SIMBAD created and maintained by astronomers, documentalists & computer engineers :

- An historical overview
- Definition and roles of these 3 profiles today

1972 1980 1990 1993 1998 2006 2008 2014



Punched card

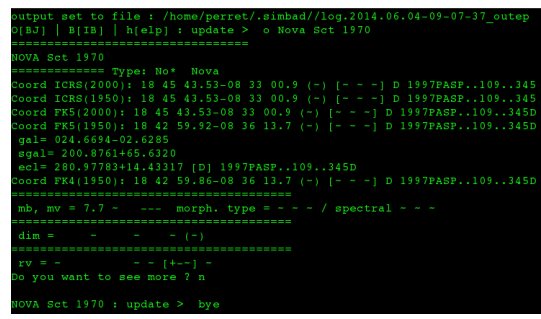
Alpha 20

vt100

Terminal X

PC

500 To



other query Identifier Coordinate Criteria Reference Basic Script Output Help
modes : query query query query query submission options

Query an identifier

Examples
sirius, M31, MCG+02-60-010
How to write an identifier can be found in the [dictionary of nomenclature](#)
IAU format can also be used, with the following format:
iau [J]B[1230+08] [* enlarging-factor] [- Object-type]

Identifier :

you can choose to query :

around the object, define a radius :

Query a list of identifiers

CSI SIMBAD2 SIMBAD3 - Web SIMBAD4

Raccord Aladin

DJIN

COSIM

Magnetic bands & microfiches

Catalogs

VizieR

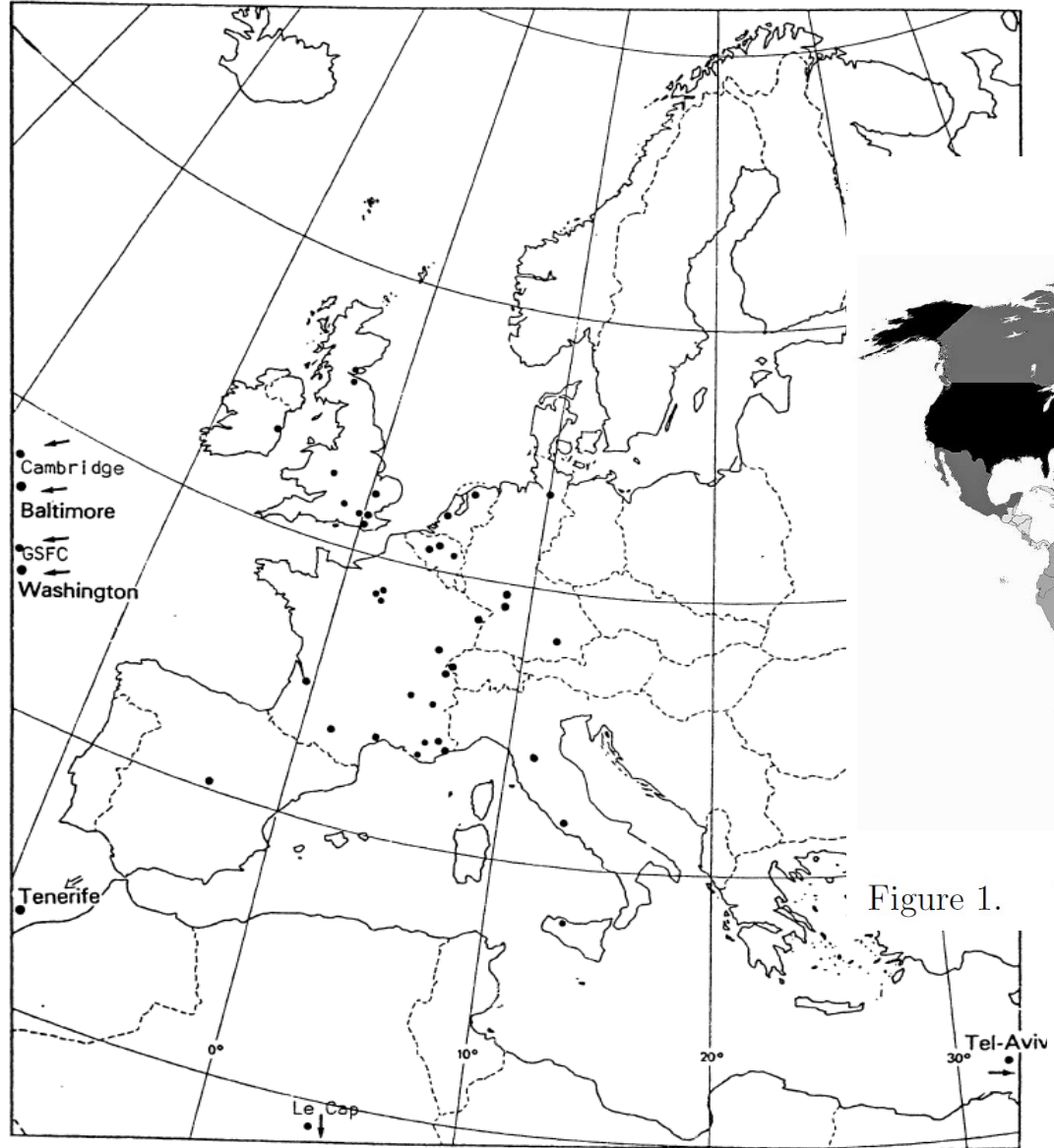
TAPVizieR

Users evolution (quantitatively)

Figure 1 : Localisation géographique des utilisateurs de SIMBAD (novembre 86)

1986 : ~ 80 users

D. Egret



2001 : user accounts end ~8000
(M. Wenger, priv. com.)

Wenger and Oberto 2010ASPC.434.453

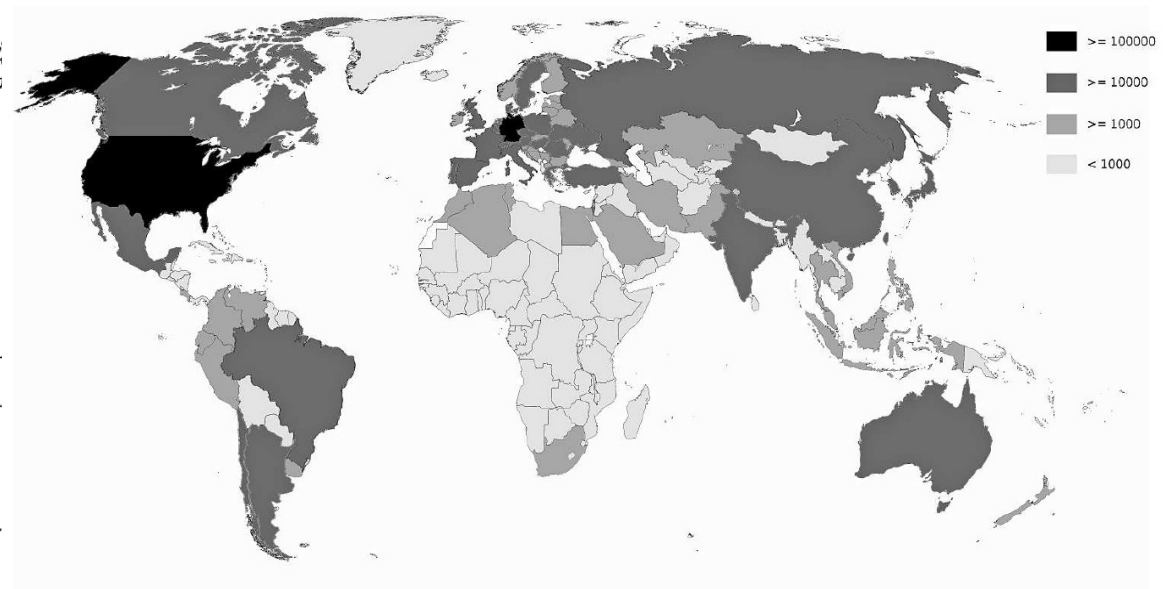


Figure 1.

Users/country

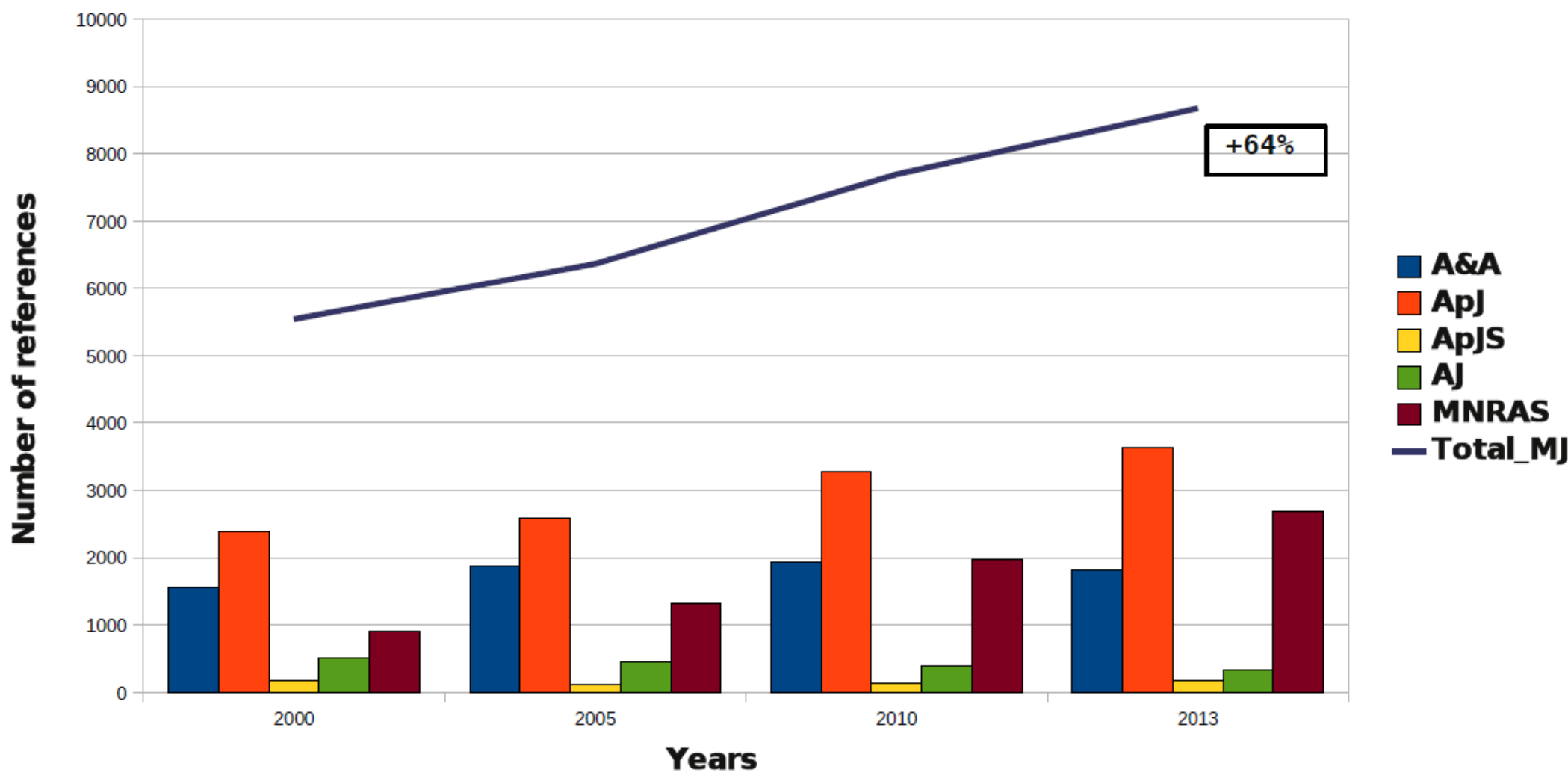
IP adress counts

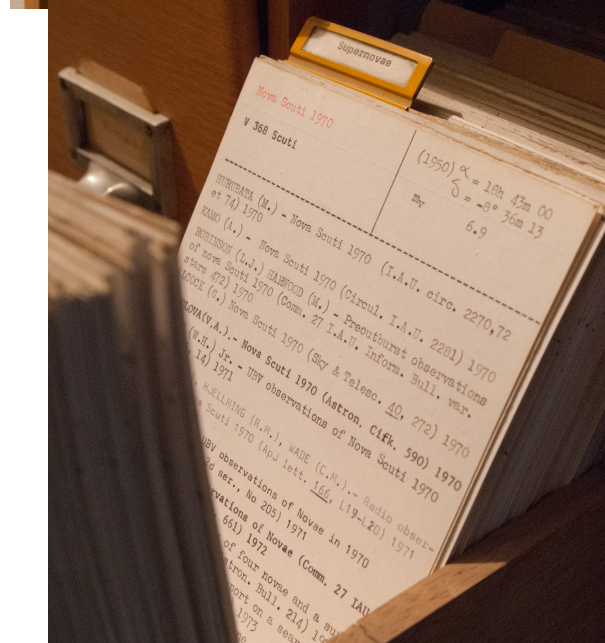
June 2009: >~100,000 in the US

2013/2014 : ~506,000 requests per day
for SIMBAD (SIMBAD talk)

From S. Lesteven :

Number of references from the 5 main journals between 2000 and 2013



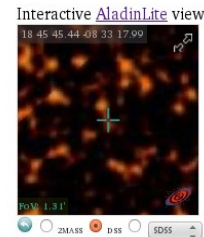


Basic data :

NOVA Sct 1970 -- Nova

Other object types: V* (V*, AAVSO) , No* (NOVA)
 ICRS coord. (ep=J2000) : 18 45 43.53 -08 33 00.9 (-) [- - - -] D 1997PASP...109...345D
 FK5 coord. (ep=J2000 eq=2000) : 18 45 43.53 -08 33 00.9 (-) [- - - -] D 1997PASP...109...345D
 FK4 coord. (ep=B1950 eq=1950) : 18 42 59.86 -08 36 13.7 (-) [- - - -] D 1997PASP...109...345D
 Gal coord. (ep=J2000) : 024.6694 -02.6285 (-) [- - - -] D 1997PASP...109...345D
 Fluxes (1) : B 7.7 [-] V4 E 2003ActL...29...4685

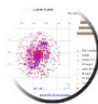
query around with radius 2 arcmin



Identifiers (3) :

NOVA Sct 1970 V368 Sct

Plots and Images



plot



CDS portal

radius 10 arcmin

References (32 between 1850 and 2014)

Simbad bibliographic survey began in 1950 for stars (at least bright stars) and in IS system).

Sort reference summaries by: (not exhaustive, explain)

Date Title|Abstract|Keyword In table

send the bibcodes to ADS

2001PASP...113..764D [0]

Publ. Astron. Soc. Pac., 113, 764-768 (2001)

A catalog and atlas of cataclysmic variables: the living edition.

DOWNES R.A., WEBBINK R.F., SHARA M.M., RITTER H., KOLB U. and D

Comments & notes:

Catalog: Objects with a format 'CCC N' are [DWS97] CCC N' in SI notes: cross-id. in other columns of the catalog (via http://icar.usstci.edu)

flags: (abstract)

files: <CDS Catalogue: V/123>

VizieR Result Page

Send to VO tools

Show the target form Show constraint information

The 6 columns in color are computed by VizieR, and are not part of the original data.

I/199A/stars Radio continuum emission from stars (Wendker, 1995) 1995A&AS..109..177W ReadMe+ftp
 Post annotation Positions and designations of the stars (3021 rows)

start AladinLite

Full	r	RAJ2000	DEJ2000	Seq	Name	Alias	Det	RA1950	DE1950	Data	RA.icrs	DE.icrs
	arcsec	"h:m:s"	"d:m:s"					"h:m:s"	"d:m:s"		"h:m:s"	"d:m:s"
1	1.984	18 45 43.66	-08 33 01.2	2447	NOV Sct 1970		D	18 42 59.990	-08 36 14.00	Data	18 45 43.663	-08 33 01.17

V/123A/cv Catalog of Cataclysmic Variables (Downes+ 2001-2006) 2001PASP...113..764D ReadMe+ftp
 Post annotation Catalog of cataclysmic variables, Final Version (February 2006) (1830 rows)

start AladinLite

Full	r	RAJ2000	DEJ2000	R	GCVS	RAJ2000	DEJ2000	VarType	L	Maxmag	n	L	Minmag	n	Names
	arcsec	"h:m:s"	"d:m:s"			"h:m:s"	"d:m:s"			mag			mag		
1	0.42	18 45 43.55	-08 33 01.2		V368 Sct	18 45 43.55	-08 33 01.2	NA		6.9v			19.0p		

B/gcvs/gcvs_cat General Catalogue of Variable Stars (Samus+ 2007-2013) ReadMe+ftp
 1 annotation(s) - post The GCVS Catalog (Vol. I-III, version 2013-04-30) (47969 rows)

start AladinLite

Full	r	RAJ2000	DEJ2000	GCVS	RAJ2000	DEJ2000	VarType	f	GCVS	n	GCVS	mag	Max	Period	SpType
	arcsec	"h:m:s"	"d:m:s"		"h:m:s"	"d:m:s"						mag	mag	d	
1	1.4	18 45 43.6	-08 33 00.1	V0368 Sct	18 45 43.6	-08 33 00	NA					7.700			pec(NOVA)

B/vsx/vsx AAVSO International Variable Star Index VSX (Watson+, 2006-2014) ReadMe+ftp
 Post annotation Variable Star Index, Version 2014-05-19 (285852 rows) 2006SASS...25...47W

start AladinLite

Full	r	RAJ2000	DEJ2000	Name	RAJ2000	DEJ2000	Period	OID	n	VType	L	max	u	n	f	l	min	u	n
	arcsec	"h:m:s"	"d:m:s"		deg	deg	d					mag	mag			mag	mag		
1	1.55	18 45 43.62	-08 33 00.1	V0368 Sct	281.43175	-08.55003		34484	B	0	NA	7.700		pg			19.300		pg

Available Visualisations:

- Plot of I/199A/stars V/123A/cv B/gcvs/gcvs_cat B/vsx/vsx in this region with Aladin-Java
- Optical Image of this region with Aladin-Java

- Thanks for acknowledging the VizieR Service

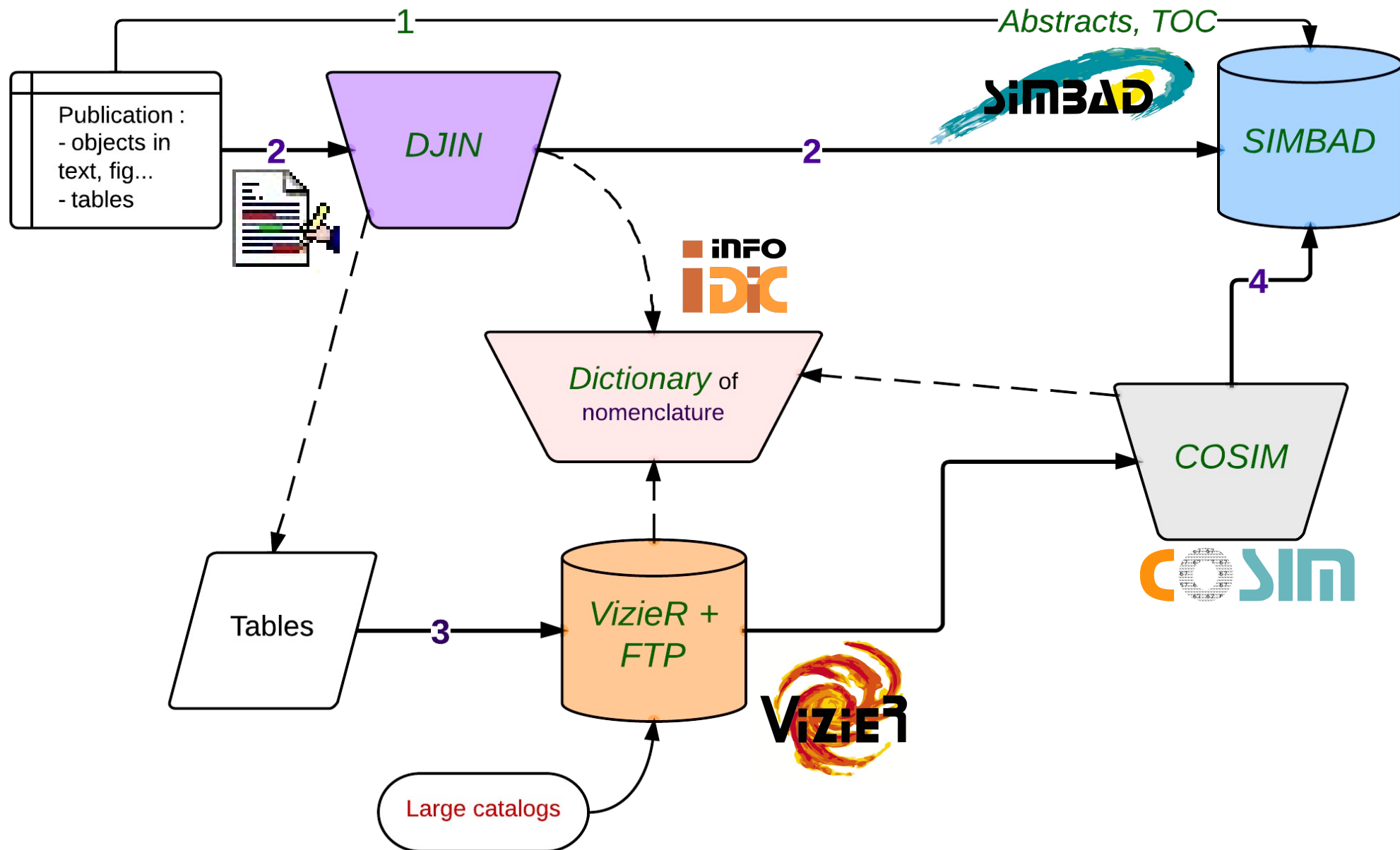
© UDS/CNRS



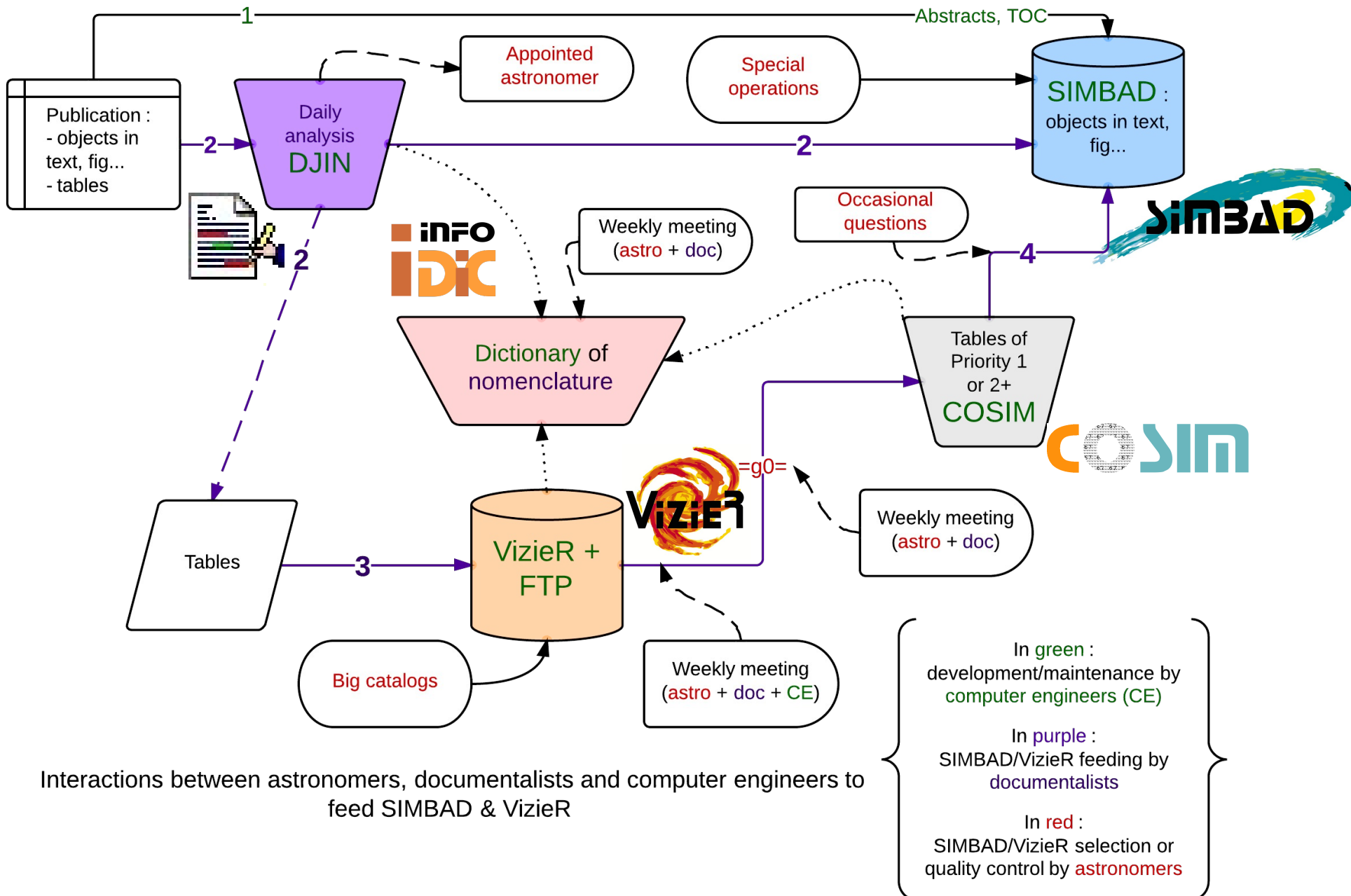
VizieR & SIMBAD created and maintained by astronomers, documentalists & computer engineers :

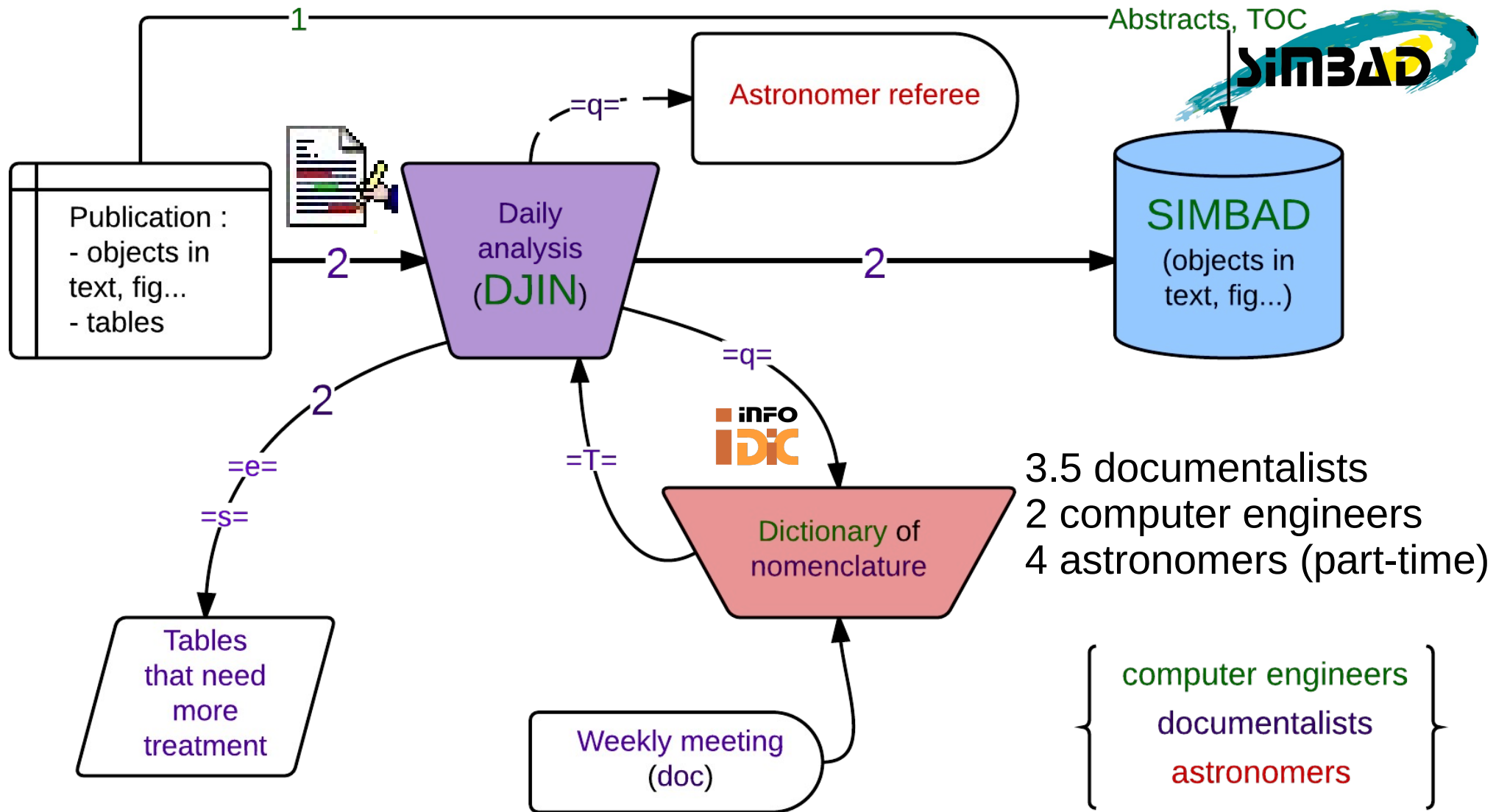
- An historical overview
- **Definition and roles of these 3 profiles today**

Information transfer chain



Interactions between the CDS staff to feed VizieR and SIMBAD





SIMBAD/article incoherence (scission/merge) :



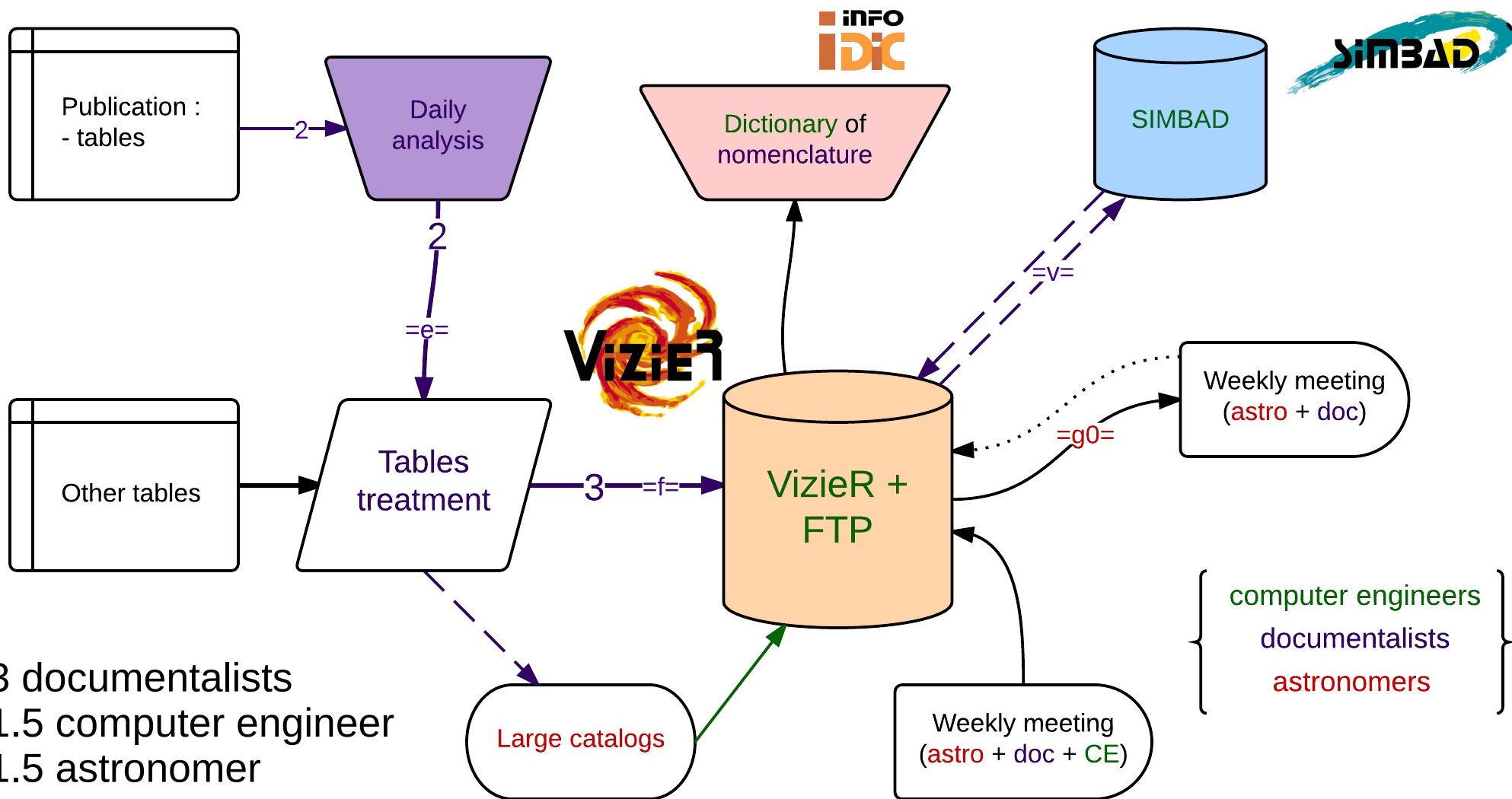
- In SIMBAD : [MWZ90] OMC-2 FIR 4 = [NCM2003] MIR 24 = **HOPS 108** whereas in 2014ApJ.786.26, [NCM2003] MIR 24 = **HOPS 64**?
- Is [SCK2004] G020.08-0.14 N, the same object as IRAS 18253-1130 & [ABJ2009] U20.08-0.14 also used in 2013MNRAS.431.2385X for this region?

Is it for SIMBAD ?

- 2014ApJ.788.122, Tables 1 & 2 : for SIMBAD? (answer : tough one ! These are objects but part of molecular clouds with peculiar properties without correspondence in the SIMBAD object list...)

Do we have to change data in SIMBAD ?

- 2014MNRAS.437.2017T, Table 1 : redshifts for Q0107-025A & B are not the same in Simbad : which one to keep (with which quality)?
- 2013MNRAS.431.1005D, Table 2: Is there a hierarchical link to add to IC 2391, and in that case, with which probability?



See also G. Landais poster & talk

Technical problems :



- What should I do with this kind of FITS file that cannot be handled with the regular commands ?
- UCD « PHOT_SB_IR » not understood by the program which stops there...
- The graphic does not work...

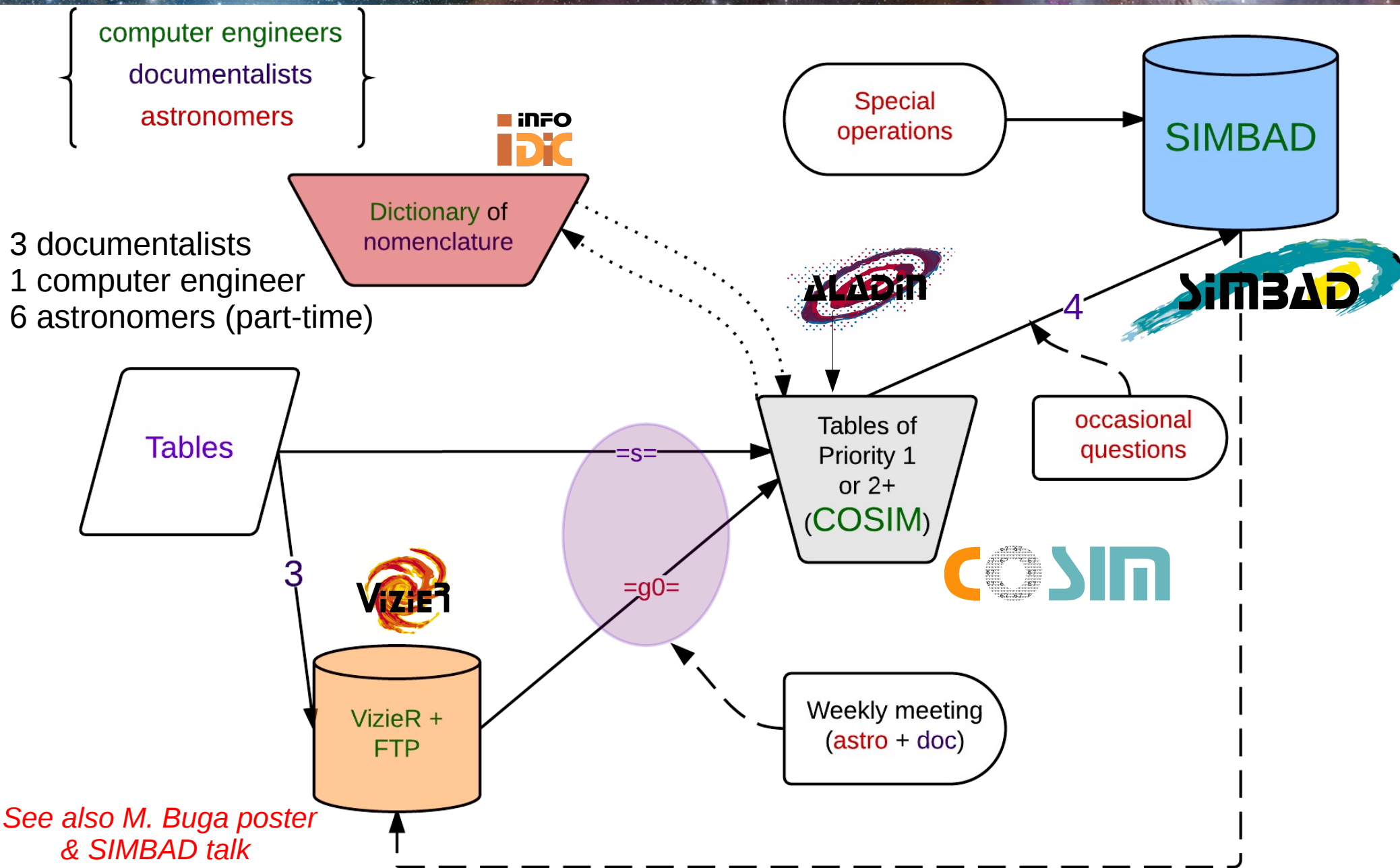
General astronomical problems :

- Why do I have <-0.555 in the online table whereas I have $-1 -9 0.455$ in my prepared table ? (when the HR=-1 or 1, we have limit value intervals in the three columns HR and lower, upper errors so it is the same thing!)
- « tau » (cooling time) from this other reference (J/ApJS/156/47) or this work?

Identification problems to link objects to SIMBAD :

- J/ApJS/190/233/table10 : 561 HII regions without coordinates like +264-037 or H13 to be retrieved from 54 different references not all with acronyms...

Interactions between the CDS staff (COSIM team)



See also M. Buga poster & SIMBAD talk

Merge/scission discussions



- 2011A&A...530A..60M: NVSS J114454+195130 at 2.6" of a GiC, merge?
- In the Bootes and First Look Survey fields, can I merge the 2MASS and ELAIS IR sources?
- Should I create the BC component of this WDS system or do I add the reference on the existing WDS J06071+3228B and WDS J06071+3228C?
- Follow the cross-id with FIRST 132030.9+332608 and AX J132032+3326 given in table 7?

Precisions about data to add in SIMBAD

- 2014A&A.562A.24M: if C* in SIMBAD, replace object type by AB*; sr*; Mi*?
- Are these magnitudes calculated in the AB or Vega Photometric System?
- What is the wavelength of the measured radial velocity from this table?
- Do I put a hierarchy between SL504 and the clusters LMC0511 and LMC0512?

Is a new acronym needed ?

- « This supernova host galaxy is not really detected. Is an acronym necessary in that case? »
- « For these microlensing events, it is possible to retrieve the official EWS name (from the OGLE website). However would an acronym be useful to keep track of the nomenclature used here (since the names look like EWS names, but the positions don't match)?"
- "Should we add a format to the acronym to take into account the QSOs only mentioned by their redshift in Table 1?"

Knowledge management, in-service training & informal communication

Espace collaboratif du CDS



Conseil scientifique >

- A compléter

Réunions >

- [Planning des salles de l'observatoire](#)

Projets >

- [Lien exemple : Projet européen en cours,](#)

Astronomes >

Problèmes requérant l'expertise des astronomes

Developpeurs >

- [Lien exemple :Cluster, cdspack, documentation de vizier ..](#)

Documentalistes >

- [Organigramme Nov 2013](#)
- [Circuit et suivi des status SIMBAD](#) pour le traitement des ref.
- Le [ReadMe](#) des tables pour les utilisateurs
- Commandes de MAJ pour [SIMBAD](#) et [VizieR](#)
- [Notions d'astronomie et outils informatiques](#)

R&D >

Grands catalogues >

Autres >

See also E. Son & A. Eisele poster

Knowledge management & in-service training



Infusion

difFUSION de la connaissance INformatique

Accueil Projets Aide

Simbad

Aperçu Activité Demandes Gantt Calendrier Annonces Documents Wiki Fichiers

Aperçu

- Site web : simbad.u-strasbg.fr
- Sous-projets: [Cosim](#)

Demandes

▼ Filtres

Statut

fermé

Tracker

égal

Evolution

► Options

Appliquer Effacer

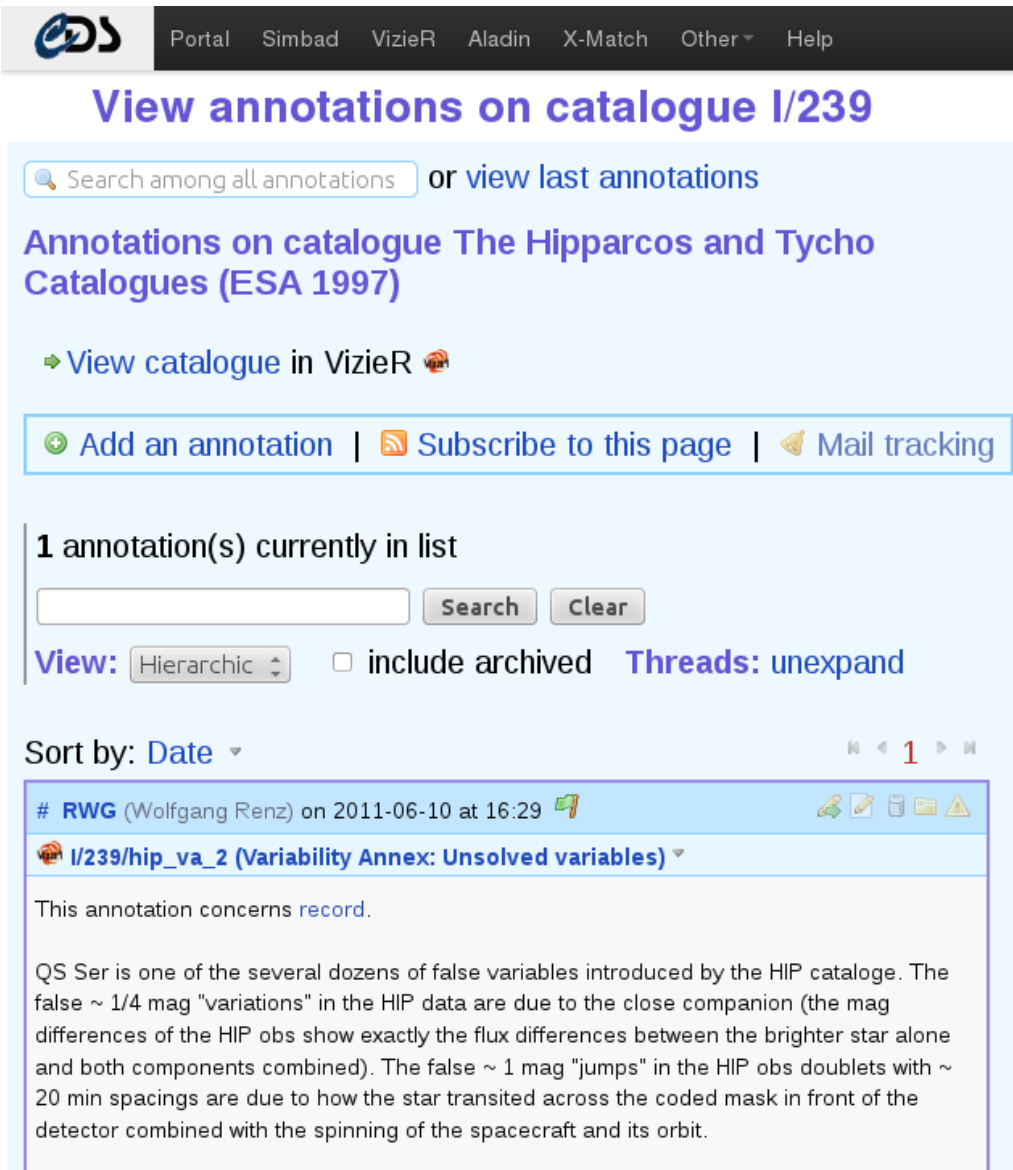
Suivi des demandes

- Anomalie: 10 ouvertes sur 19
- Evolution: 14 ouvertes sur 19
- Assistance: 0 ouverte sur 0

[Voir toutes les demandes](#) | [Calendrier](#) | [Gantt](#)

<input checked="" type="checkbox"/>	#	Tracker	Statut	Priorité	Sujet
<input type="checkbox"/>	211	Evolution	Nouveau	Normal	Interrogation par Moc
<input type="checkbox"/>	210	Evolution	Nouveau	Normal	unités dans les scripts
<input type="checkbox"/>	209	Evolution	Nouveau	Normal	Vieilles mesures
<input type="checkbox"/>	207	Evolution	Résolu	Normal	Dictionnaire dans les erreurs
<input type="checkbox"/>	206	Evolution	Résolu	Normal	Qualité du TypeSpectral obligatoire
<input type="checkbox"/>	175	Evolution	Nouveau	Normal	Extraire les modifs de la veille
<input type="checkbox"/>	173	Evolution	Nouveau	Normal	Fichier stat 'en live'
<input type="checkbox"/>	62	Evolution	Nouveau	Normal	Nb Citation
<input type="checkbox"/>	61	Evolution	Résolu	Urgent	Nb Object
<input type="checkbox"/>	60	Evolution	Nouveau	Normal	Warning delete
<input type="checkbox"/>	54	Evolution	En cours	Normal	Sortie Votable
<input type="checkbox"/>	53	Evolution	Nouveau	Normal	Création d'acronyme
<input type="checkbox"/>	46	Evolution	En cours	Normal	Design Pattern Commande
<input type="checkbox"/>	44	Evolution	Nouveau	Bas	Visualisation de le hiérarchie

Feedback from users



Portal Simbad Vizier Aladin X-Match Other Help

View annotations on catalogue I/239

Search among all annotations or view last annotations

Annotations on catalogue The Hipparcos and Tycho Catalogues (ESA 1997)

View catalogue in Vizier

Add an annotation | Subscribe to this page | Mail tracking

1 annotation(s) currently in list

Search Clear

View: Hierarchic include archived Threads: unexpand

Sort by: Date

RWG (Wolfgang Renz) on 2011-06-10 at 16:29

I/239/hip_va_2 (Variability Annex: Unsolved variables)

This annotation concerns [record](#).

QS Ser is one of the several dozens of false variables introduced by the HIP catalogue. The false ~ 1/4 mag "variations" in the HIP data are due to the close companion (the mag differences of the HIP obs show exactly the flux differences between the brighter star alone and both components combined). The false ~ 1 mag "jumps" in the HIP obs doublets with ~ 20 min spacings are due to how the star transited across the coded mask in front of the detector combined with the spinning of the spacecraft and its orbit.



Keep in touch



[cgs-question@unistra.fr](mailto:cds-question@unistra.fr)

Questions from VizieR (missing data, incoherences, or precisions needed)



- Table 8 (« data » version) always indicates "0.00" or blank values for the SSFR + SSFR errors measures...
- Table 16 contains the first 5 X-ray sources with optical counterpart but the table should contain information for the 32 sources of Figure 7...
- After treatment for SIMBAD, we noticed a discrepancy between coordinates in table 5 and coordinates in Figure 3 for 8 objets; can we correct the VizieR table?

Questions from COSIM (discrepancies or precisions needed)



- Half of the Lyman-break galaxies studied are, actually, stars...
- Table4, RA=23 51 44.69, DEC= 24 34 42.30: This object is a "confirmed member" and in the same time an "outlier"?
- Can you send me the full names of the QSOs/better coordinates because it's very difficult to retrieve the full names with QHHMM+DD and no redshift...

*Symbiosis (from **Ancient Greek** **σύν** "together" and **βίωσις** "living") is a close and long-term interaction between two or more interdependent persons or groups.*

The CDS success is based on a close and long-term interaction between :

- **astronomers** : specialists of the domain and data validation.
- **computer engineers** : create easy ways to ingest, retrieve and use the data.
- **documentalists** : data specialists (cross-identification with SIMBAD) ; mediators between astronomers and IT specialists.

Thank you very much Dr François OCHSENBEIN



APOD : Horsehead and Orion Nebulas - Image Credit & Copyright: Roberto Colombari & Federico Pelliccia