

The logo for ALADIN features the word "ALADIN" in a bold, black, sans-serif font. The text is centered and overlaid on a dark blue horizontal bar. Behind the text and bar is a stylized, swirling graphic composed of red and blue lines, surrounded by a cloud of small red and blue dots. The entire graphic is set against a white background with a green decorative element in the top-left corner.

ALADIN

Pierre Fernique

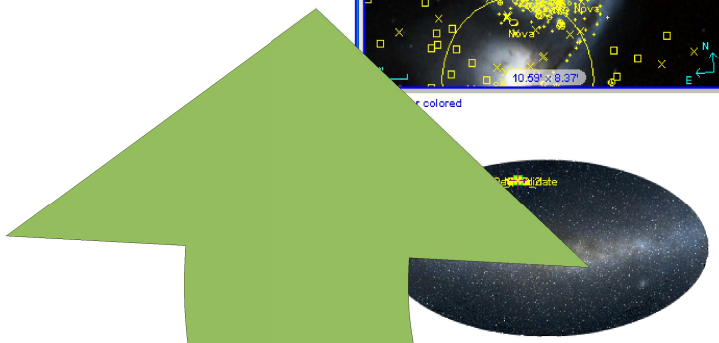
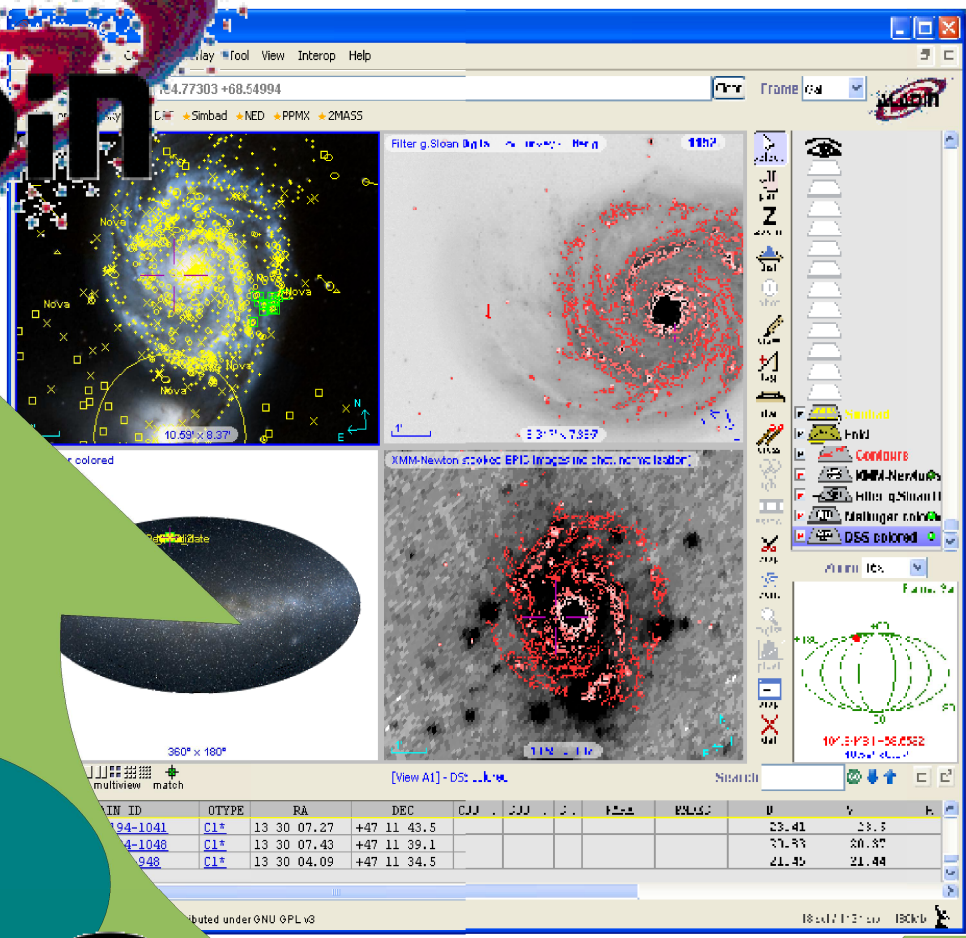
CDS council – June 2011

Service description

« *Aladin has become the astronomical reference software dedicated to the integration, visualization and manipulation of images and catalogues provided by most of astronomical data servers in the world (CDS, ESO, ESA, NASA, CADC,...) »*



ALADIN



EDS
 SIMBAD
 All vizieR
 Aladin images

Remote

CADC
 MAST
 NED
 SkyBot
 SkyView
 UKIDSS
 Sloan

File

Fits VOTable
 Healpix SIA ASCII
 Jpeg RGB Cube
 CSV

Allsky
 all VO
 Hubble Legacy Archive (HLA)
 2MASS All-Sky Quicklook Image Service
 The IRAS Sky Survey Atlas
 Aladin
 2MASS Large Galaxy Atlas
 The NASA/IPAC Extragalactic Database Image Data Atlas
 Multiresolution Archive at STScI (MAST)
 SOCCD
 Info frame
 FSSM
 F785LP
 F150W
 F187W
 F160W

- Image
 - Optical
 - Halpha
 - CO
 - IR
 - Radio
 - Infrared
 - IRAC color E1234 - GLIMPSE_SAGE
 - IRAC1 - 3.6mu (GLIMPSE, CSD, Taurus)
 - IRAC2 - 4.5mu (GLIMPSE, CSD, Taurus)
 - IRAC3 - 5.8mu (GLIMPSE, CSD, Taurus)
 - IRAC4 - 8.0mu (GLIMPSE, CSD, Taurus)
 - MIPS1 - 24mu (MPSGL, CSD, Taurus)
- DRZE
- 2MASS (IPAC/NASA)
- IRAS
- X
- Progressive catalog
- Density map

Short demo...

Google aladin

Environ 28 900 000 résultats (0,08 secondes) [Google.com in English](#) [Recherche avancée](#)

Tout
[Images](#)
[Vidéos](#)
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Strasbourg
[Changer le lieu](#)

Le Web
[Pages en français](#)
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[Pages en langue étrangère traduites](#)

Date indifférente
[Les plus récentes](#)
[Moins de 24 heures](#)
[Moins d'une semaine](#)
[Moins d'un mois](#)

► [Aladin, ou la Lampe merveilleuse - Wikipédia](#)

Aladin, ou la Lampe merveilleuse (titre long : Histoire d'**Aladin**, ou la Lampe merveilleuse) est un conte présenté avec les Mille et Une Nuits. ...
[Résumé](#) - [Pistes interprétatives](#) - [Histoire littéraire du récit](#) - [Adaptations](#)
[fr.wikipedia.org/.../Aladin,_ou_la_Lampe_merveilleuse](#) -
[En cache](#) - [Pages similaires](#)

YouTube - [Aladin - ce rêve bleu](#)

 3 min - 24 déc. 2006 - Importé par pttdisney
Aladin pourquoi t'existe pas ? :(, laragazzaa 1 week ago 3 ...
Added to queue **aladin**-ce reve bleu (CLIP+PAROLE)by couettelouloute2398929 ...
[www.youtube.com/watch?v=5-4vXiIB-nA](#)

YouTube - [Aladdin Prince Ali \(french\)](#)

 3 min - 11 juin 2007 - Importé par body72
Added to queue **Aladin** - ce rêve bleuby pttdisney4973133 views ·
Thumbnail 4:01, Add to, Added to queue Le Roi Lion (The Lion King ...
[www.youtube.com/watch?v=i9vsbVHvlss](#)

[Autres vidéos pour aladin](#) »

[Aladin : Atlas du Ciel](#)

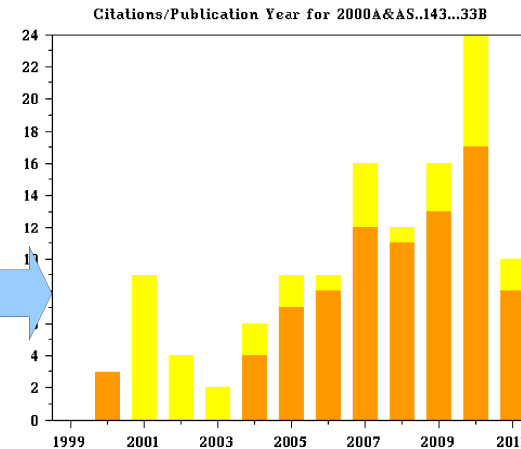
Aladin est un atlas interactif du ciel qui permet aux utilisateurs de visualiser des images digitalisées du ciel et d'y superposer des informations issues ...
[aladin.astro.free.fr/aladin.html](#) - [En cache](#) - [Pages similaires](#)

Aladin dash board



May 2011

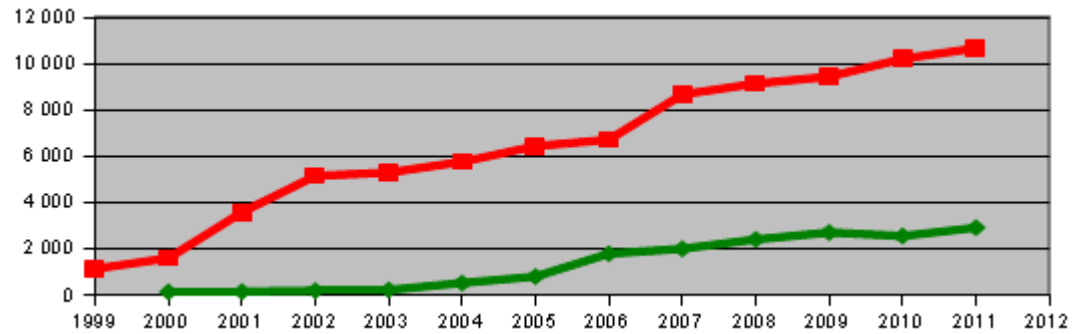
- 1 900 sessions/day
- 15 000 queries/day
+ 19 000 Healpix queries/day
- 90 software installations/day
- 120 citations (2000A&AS..143...33B)
- ~2 FTE (*P.Fernique, T.Boch, F.Bonnarel, A.Oberto*)



Since 3-4 years,
Aladin has become a real
alternative to DS9

Evolution

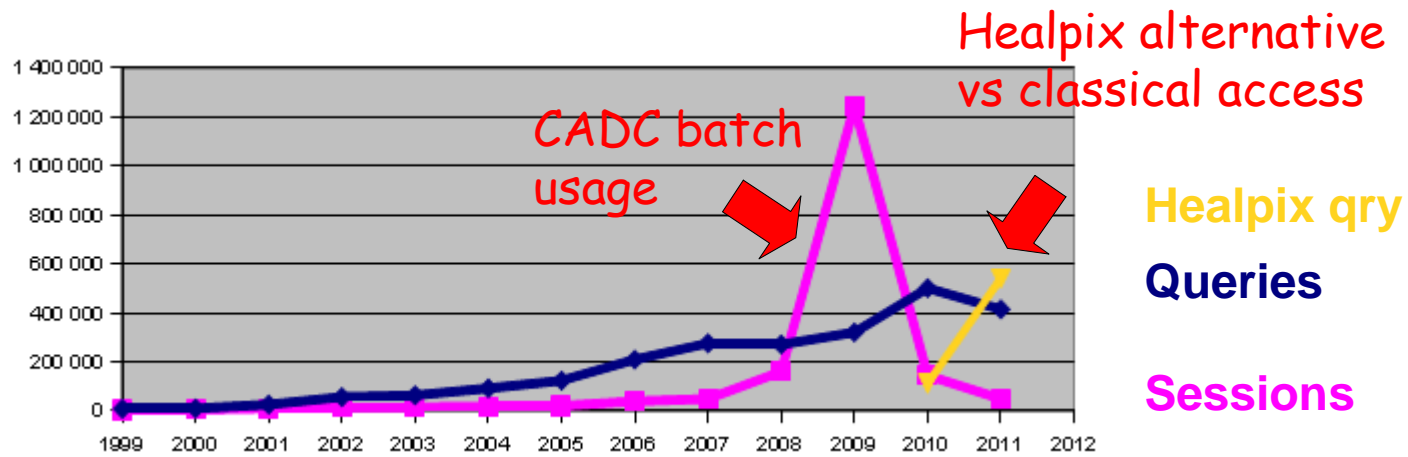
Audience



Hosts

Install

Usage



Healpix alternative vs classical access

CADC batch usage

Healpix qry

Queries

Sessions

(*) per month

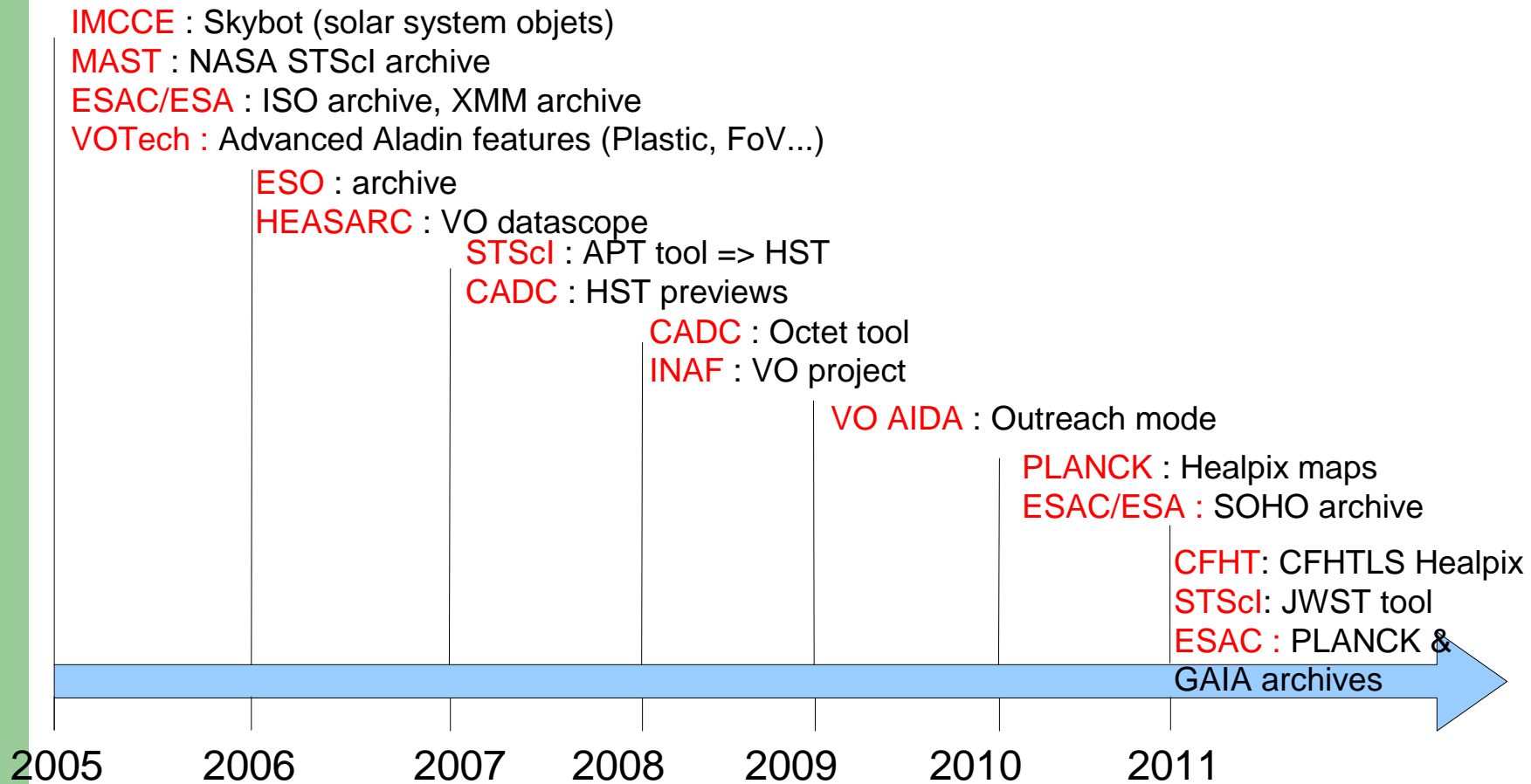
All figures

Par mois	Hosts		Queries		Sessions		Install		Healpix queries	
1999	1 158		8 599		2 327					
2000	1 619	40%	10 074	17%	5 017	116%	158			
2001	3 595	122%	26 323	161%	10 228	104%	172	9%		
2002	5 163	44%	56 870	116%	14 497	42%	215	25%		
2003	5 311	3%	63 969	12%	15 231	5%	244	13%		
2004	5 769	9%	92 425	44%	18 431	21%	545	123%		
2005	6 449	12%	123 775	34%	20 979	14%	823	51%		
2006	6 726	4%	209 841	70%	39 328	87%	1 807	120%		
2007	8 677	29%	276 301	32%	45 127	25%	2 021	12%		
2008	9 146	5%	271 435	-2%	160 437	227%	2 422	20%		
2009	9 444	3%	320 963	18%	1 244 584	676%	2 722	12%		
2010	10 215	8%	501 842	56%	145 250	-58%	2 572	-6%	111 473	
2011	10 673	4%	414 880	-17%	49 016	-66%	2 932	14%	541 863	388%

CADC
batch usage

Healpix alternative
vs classical access

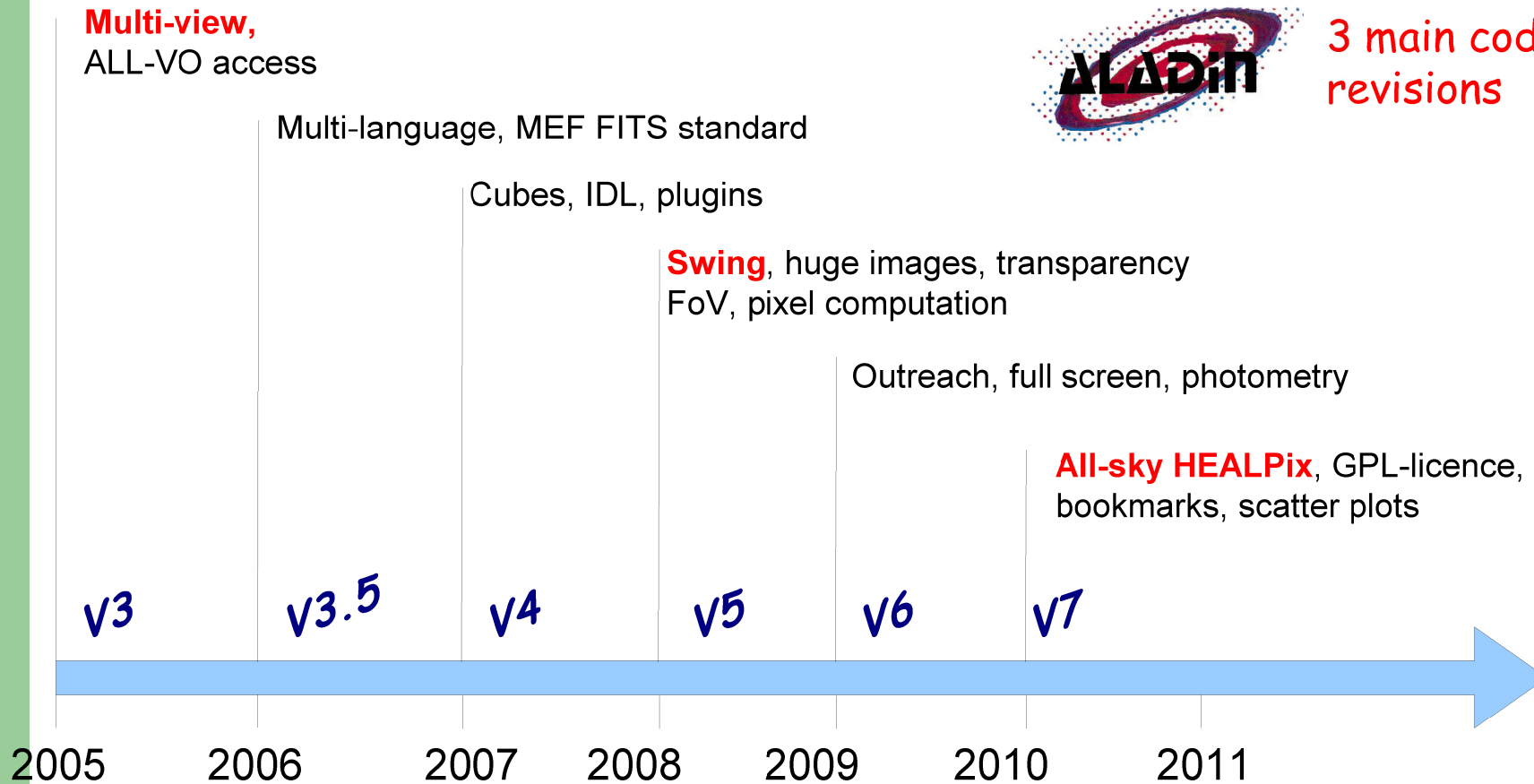
Main collaborations



Main code evolutions



3 main code revisions



Specific Aladin servers at CDS

Historically : Aladin image server
=> Objectivity data base on a Sun

+ Simbad
+ Vizier

2010 : Simbad fast access

2011 : 2 mirrored HEALPix servers (2 x
linux/30TB)

+ 3 computation machines (3 x linux/12TB)



New paradigm with
HEALPix all-sky mode

Next steps...

- Continue data all-sky/wide-field integration (pixels, catalogs, footprints)
- Prototyping + implementation of a « metadata » server (*evolution of the historical image data server*)
- Prototyping of a HTML5 Light client (*alternative to Aladin applet – ie inside the Web navigator*)

For the fun...

Aladin tw.pdf - Adobe Reader

天文學家的阿拉丁神燈

The Aladin Sky Atlas

天象星繁浩，雖然每一顆星看似大性、位置、亮度、特徵、運動狀態...，無一開宇宙之謎的重要線索。這些上帝的掌中明珠，一般業餘者耳熟能詳的Starry_Night等，在上傳顆恆星資料與資料時，可謂毫無招架。天文學專業需求的強力astronomical Data Center Atlas (上圖) 正是其中

Doc translations

Courses

Técnicas experimentales en Astrofísica

Práctica

Departamento de Astrofísica

Facultad de Ciencias Físicas, Universidad Complutense

7 Ciencia con ALADIN

OBJETIVOS

- Aprender a buscar y familiarizarse con el
- Calibración astronómica
- Estudio de la morfología fotométrica y de las regiones en una galaxia
- Identificación de regiones de observación espectral

Astronomy Tools and the Aladin Sky Atlas by Peter Campbell-Burns | Farnham Astronomical Society

Farnham Astronomical Society

HOME MEMBERS VENUES OBSERVING PROGRAMME CONTACTS EVENTS RESOURCES

Astro societies

Re: Aladin Sky Atlas

lunator is Offline

Super Moderator

Main Sequence

Re: Aladin Sky Atlas - 27th June 2007, 01:34 F M

Barkis

I use it all the time.

It is a fantastic resource although not infallible as if the database it uses is incorrect then Aladin is incorrect.

Cheers

Ian

News groups

28th International School of Astronomical Databases and Software

INAOE, Tonantzin

Surfing the Tsunami

Lab 3: The Wonder of Reference Sky Images

ALADIN is an interactive astronomical software tool for visualizing and analysing astronomical images and catalogs. Soft-pedia.com

In this lab you will explore the

CIEL ESPACE

AGENCE PHOTOS

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RECHERCHE DANS LE SITE

ACCUEIL LA LUNE PHOTOGRAPHIE

LA LUNE VISITES GUIDES LUNAIRES LUNAIRES RENCONTRES PETITES-ANNONCES

LA LUNE

RÉVOLUTION NUMÉRIQUE, LE CIEL REDÉCOUVERT

En 2002, il s'est vendu en France plus de 200 000 exemplaires de ce livre.

hors-série CIEL espace

Photographe le ciel

17-07/2007

SOMMAIRE DU MAGAZINE

EDITO

ne ap-pening

Magazine

Download Aladin 6.011 Free - A sky atlas for visualizing and analysing astronomical images and catalogs. Soft-pedia.com

SOFTPEDIA

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WINDOWS GAMES DRIVERS MAC LINUX SCRIPTS MOBILE HANDHELD

PROGRAM FINDER

Aladin 6.011

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- PDF Tools
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- System Tools
- Torrent

DOWNLOAD

Downloads: 2,599

User Rating: Fair (2.9/5)

Rated by: 13 user(s)

Developer: Pierre FERNIQUE | More programs

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Size / OS: 2.6 MB / Windows All

Software repositories

Aladin for Astronomy at the University of Louisville - Mozilla Firefox

Aladin for Astronomy at the University of Louisville

Contents

- Data Analysis Systems
- Image Display Servers
- Graphics Software
- Scripting Languages
- Scientific Libraries
- Miscellaneous Utilities
- Virtual Observatory Tools

Virtual Observatory Tools

- Aladin - Aladin Sky Atlas
- VOspec - tool for handling
- VOplot - VOTable plotting
- Plastic - Platform for Astronomical Tool InterConnection
- Specview
- Splat - Spectral Analysis Tool
- Stilts - Starlink Tables Infrastructure Library Tool Set
- TOPCAT - Tool for Operations on Catalogues And Tables

You must have a Java-enabled browser to run Aladin on the Web.

For Firefox use these settings to allow Java

University tools

internet de una amplia base de datos.

Re: Aladin Sky Atlas

(#3 (permalink))



lunator is Offline
Super Moderator
Main Sequence

Posts: 7,416
Join Date: Oct 2005



Re: Aladin Sky Atlas - 27th June 2007, 01:34 PM

Barkis

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Ian