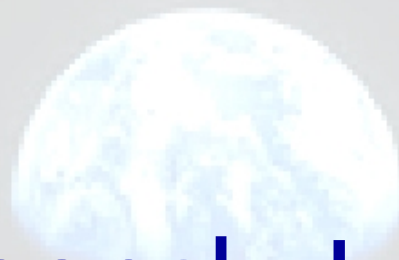
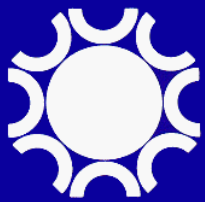


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DeepskyLog

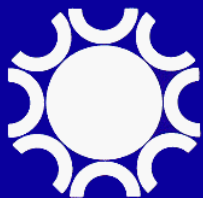
September 17, 2011



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History of DeepskyLog

- August 2003 : First ideas, astronomylog
- End july 2004 : Official start, first lines of code, project available at murzim (Aalst) website
- September 29, 2004 : 4 testers
- October 9, 2004 : First operational version



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History of DeepskyLog

- November 26, 2004 : DeepskyLog
- December 7, 2004 : DeepskyLog 1.0 at <http://www.deepskylog.be/>
- Februari 22, 2005 : DeepskyLog 2.0
 - Search on observations
 - pdf files for objects and observations
 - The 'club' concept
 - DeepSkyLive link



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History of DeepskyLog

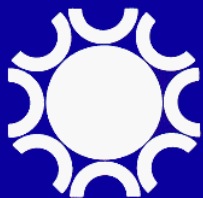
- July 2, 2005 : DeepskyLog 2.1
 - Import and export of observations in csv format
 - Easier to add different observations of 1 night
 - Adapted version of SAC database
 - Search on object diameter
- November 9, 2005 : 5000 observations



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History of DeepskyLog

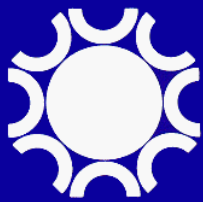
- 2006 : DeepskyLog 2.2
 - Search on limiting magnitude and seeing
 - Export objects to csv format
 - Sort objects on seen/not seen
 - Search observations
 - with drawings
 - with instruments with a certain diameter
- May 28, 2006 : 10000 observations



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History of DeepskyLog

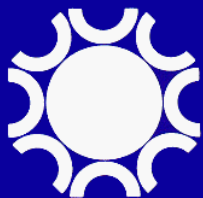
- May 31, 2006 : DeepskyLog 3.0
 - Module concept : Comets
 - Cross queries for observations of Deepsky objects
 - More than 25 entries in 'Most active observers' and 'Most seen objects'
 - Search for text in observations
 - IE errors



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History of DeepskyLog

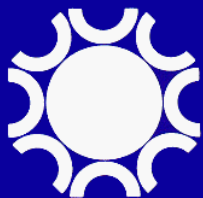
- October 2006 : 3th developer (David Erzeel)
- November 2006 : cooperation with the 'Fachgruppe ComputerAstronomy'.
Common format to import / export observations.



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History of DeepskyLog

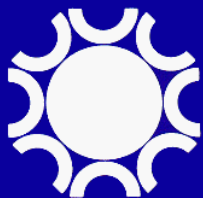
- StarNights 2007 : DeepskyLog 3.1
 - Search observations not done by yourself
 - Overview of nearby objects
 - Sort on Messier, Caldwell, ...
 - Internationalisation : Language field
 - Addition of visibility (Easy → not visible)
 - Local time
 - New instrument types



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History of DeepskyLog

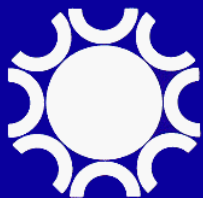
- December 16, 2007 : 20000 observations
- June 26, 2008 : DeepskyLog 3.2
 - Observing lists
 - Import and export of observing lists
 - Calculation of contrast reserve for objects
 - Addition of filters, eyepieces, lenses



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History of DeepskyLog

- January 7, 2009 : DeepskyLog 3.3
 - New layout
 - "Last seen" column for objects
 - Compulsary fields are highlighted
 - Extra fields for observations (OAL)
 - Number of objects from list for 'Popular objects'
 - Own notes for objects in list

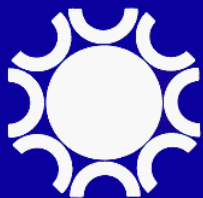


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History of DeepskyLog

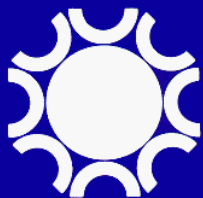
- April 10, 2009 : 30000 observations
- June 25, 2009 : DeepskyLog 3.4
 - RSS Feed
 - Menu's are collapsible
- October 9, 2009 : DeepskyLog 3.5
 - Star charts
 - <OAL> compatibility
 - Moon



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History of DeepskyLog

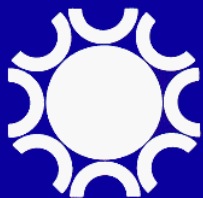
- November 26, 2009 : DeepskyLog 3.6
 - Constellations on the starcharts
 - Observations of Tom Polakis online
 - > 38500 observations (> 7000 in English)
- February 9, 2010 : DeepskyLog 3.7
 - Starchart are printable
 - Stars up to magnitude 16.5
 - Ephemerids sun, moon, twilight



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History of DeepskyLog

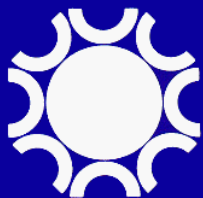
- March 14, 2010 : 40000 observations
- March 30, 2010 : DeepskyLog 3.8
 - Calculation of rise, transit and setting of objects
 - Moon phase shown at detail of observation
 - Columns are 'shrinkable' and moveable



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History of DeepskyLog

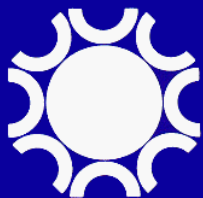
- June 5, 2010 : DeepskyLog developer day. 5 developers
- June 7, 2010 : DeepskyLog 3.9
 - Extended PDF reports
 - Remembering query parameter after search
 - Consequent name of objects
 - Possibility to save queries of objects and observations



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History of DeepskyLog

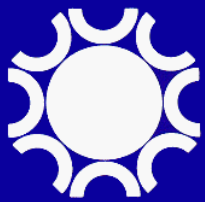
- October 6, 2010 : DeepskyLog 4.0
 - Extended maps for observing lists (pdf format)
 - Activate / deactivate telescopes, eyepieces, locations
 - ICQ export for comets
 - Yearly ephemerids for objects
 - Menu's at top and left can be hidden



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History of DeepskyLog

- December 8, 2010 : DeepskyLog 4.1
 - Best period visible for observing lists
 - Messaging system
- April 8, 2011 : 50000 observations
- July 2, 2011 : DeepskyLog 4.2
 - Addition of session concept



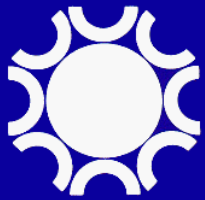
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History of DeepskyLog

- January 19, 2012 :
 - HTML 5 forms, menu
 - Google translate
 - OAL 2.1
 - Nicer way to display images
 - Double stars
 - Image catalogs downloadable
 - Observer statistics
 - Deep-sky atlas

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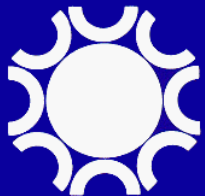


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History of DeepskyLog

- May 30, 2012 : 60000 observations



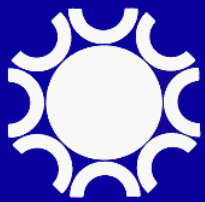
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DeepskyLog now



	Deepsky	Comets
--	---------	--------

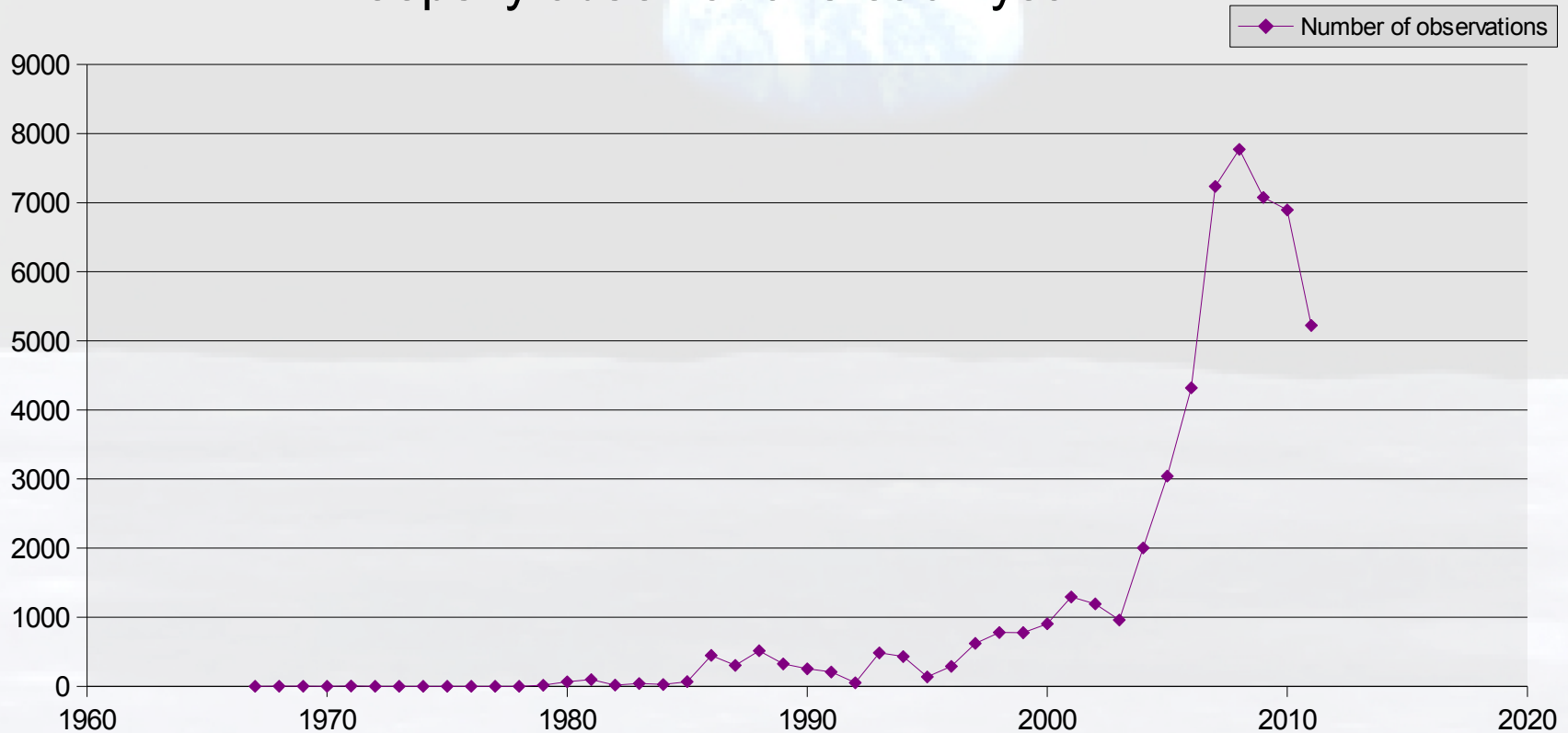
Different observers	187	70
Different observations	53801	1827
Observations last year	6476	18
Different objects	5742	85
Observations in English	8573	
Observations in Dutch	42158	
Observations in German	2794	



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DeepskyLog now

Deepsky observations each year



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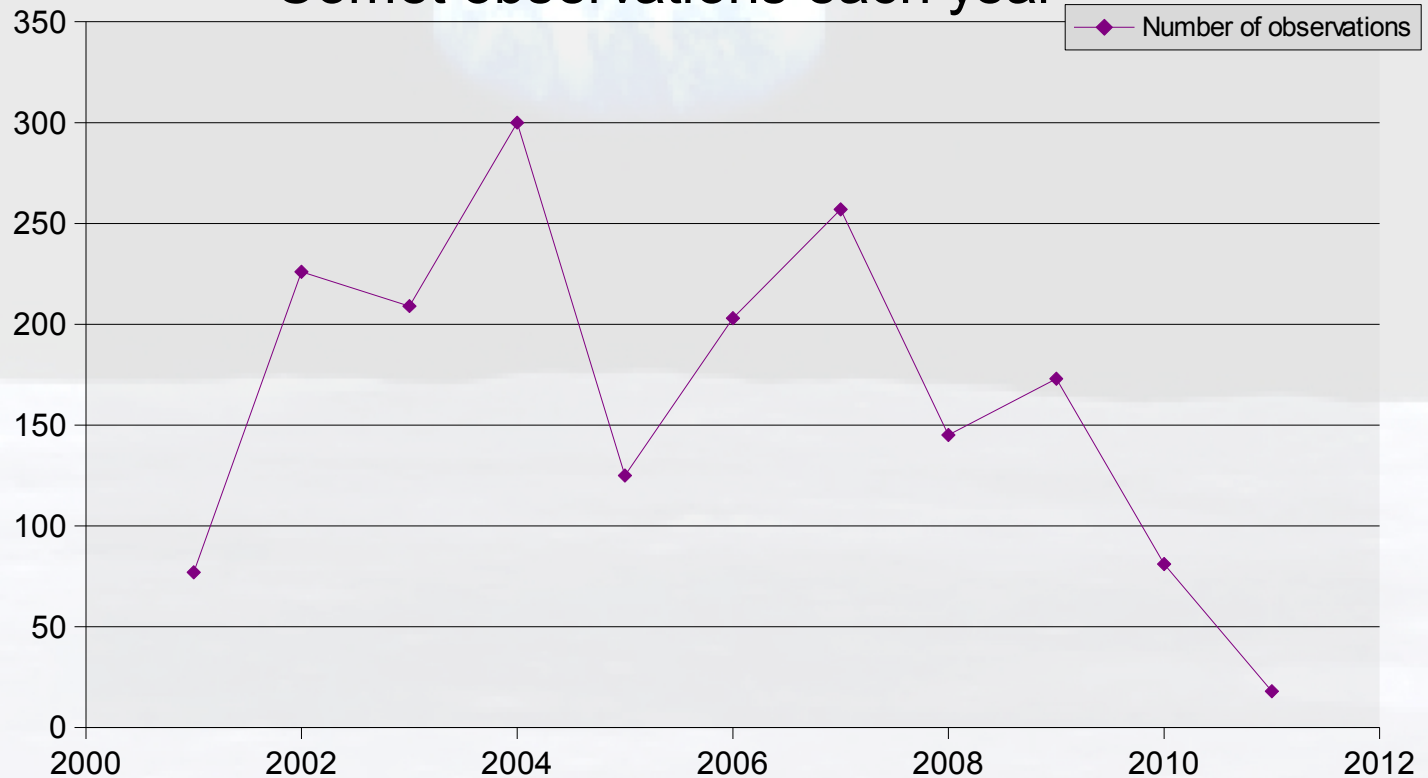
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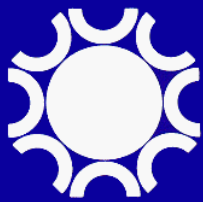
DeepskyLog now

Comet observations each year



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DeepskyLog development

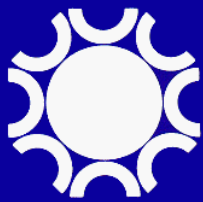
- Development using subversion
- Mailing lijst :
developers@deepskylog.be
- Developers :
 - David Erzeel, Wim De Meester, Jan Vanautgaerden, Chris Wauters, Laurens Ramandt, Peter Henderickx
- Database : Eric Van der Jeugd



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DeepskyLog development

- php5 + mysql using eclipse
- object oriented
- Functionality and GUI separate
- Modules
- Javascript / AJAX
- Transition from XHTML 1.0 strict to HTML5



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DeepskyLog development



- Redmine :
 - Issue tracker
 - Overview of subversion
 - Planning tool
 - Integration in Eclipse

Activity

From 15/08/2011 to 13/09/2011

11/09/2011

-   15:10 [Support #193 \(Closed\)](#): Uninstall the old wiki
Removed the old twiki
Wim De Meester
-   15:09 [Support #192 \(Closed\)](#): Change tags for the wiki to the new location
Svn 2296 and svn 2297
Wim De Meester
-   15:03 [Revision 2297](#): Support 192
Wim De Meester
-   14:55 [Revision 2296](#): Support 192
Wim De Meester
-   14:33 [Support #194 \(Closed\)](#): Uninstall the bugzilla installation for DeepskyLog
Removed the wiki from the KUL server.
Wim De Meester
-   14:21 [Support #194 \(In Progress\)](#): Uninstall the bugzilla installation for DeepskyLog
Wim De Meester
-   13:08 [Revision 2295](#): Work on DSL Atlas
David Erzeel

09/09/2011

-   14:15 [Feature #191 \(Closed\)](#): Aanmaken van Veil Nebula catalogoog
Wim De Meester
-   14:11 [Support #194 \(Closed\)](#): Uninstall the bugzilla installation for DeepskyLog

Activity

- ☒ [Issues](#)
- ☒ [Changesets](#)
- ☒ [News](#)
- ☒ [Documents](#)
- ☒ [Files](#)
- ☐ [Wiki edits](#)
- ☐ [Messages](#)
- ☐ [Spent time](#)

Apply

DeepskyLog

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DeepskyLog ▾

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[Activity](#)
[Roadmap](#)
[Issues](#)
[New issue](#)
[Gantt](#)
[Calendar](#)
[News](#)
[Documents](#)
[Wiki](#)
[Files](#)
[Repository](#)
[Settings](#)

Roadmap

4.2.1

Due in 18 days (01/10/2011)

Bugfix version for 4.2



5 closed (100%) 0 open (0%)

4.3

Next version, beginning of html 5, atlas pages



0 closed (0%) 5 open (100%)

Related issues

- [Feature #118](#): Add fstOffset to DeepskyLog
- [Feature #186](#): Update DeepskyLog to use HTML 5
- [Feature #189](#): Rework the addition of objects during oal import.
- [Feature #190](#): Update OAL import and export to version 2.1

Roadmap

- ☐ Bug
- ☒ Feature
- ☐ Support

☐ Show completed versions

[Apply](#)

Versions

[4.2.1](#)

[4.3](#)

DeepskyLog

Search: DeepskyLog [Overview](#) [Activity](#) [Roadmap](#) **Issues** [New Issue](#) [Gantt](#) [Calendar](#) [News](#) [Documents](#) [Wiki](#) [Files](#) [Repository](#) [Settings](#)

Issues

- ▼ Filters



Status

open

Add filter:



- ► Options

☒ Apply ☒ Clear ☒ Save

<input checked="" type="checkbox"/>	#	Tracker	Status	Priority	Subject	Assignee	Updated
<input type="checkbox"/>	190	Feature	New	Normal	Update OAL import and export to version 2.1	Wim De Meester	06/09/2011 20:40
<input type="checkbox"/>	189	Feature	New	Normal	Rework the addition of objects during oal import.	Wim De Meester	06/09/2011 20:33
<input type="checkbox"/>	186	Feature	In Progress	Normal	Update DeepskyLog to use HTML 5	Wim De Meester	07/09/2011 21:37
<input type="checkbox"/>	181	Bug	New	Normal	Importing OAL files where the FOV of the eyepieces is not defined does not work	Wim De Meester	01/07/2011 15:22
<input type="checkbox"/>	173	Feature	New	Normal	Update Wiki	Jan Vanautgaerden	05/06/2010 10:43
<input type="checkbox"/>	167	Feature	New	Normal	Dubbelsterren porteren naar DS Object		09/05/2010 21:37
<input type="checkbox"/>	161	Feature	New	Normal	Automatic mails		23/03/2010 07:57
<input type="checkbox"/>	159	Feature	New	Normal	Make a google map with the sqm values from DeepskyLog	David Erzeel	05/12/2010 18:29
<input type="checkbox"/>	134	Bug	New	Normal	Seeing and Visibility are not filled in when editing an observation	David Erzeel	17/01/2010 11:14
<input type="checkbox"/>	122	Feature	New	Normal	Export OAL files to CSV		03/03/2010 17:50

Issues

[View all issues](#)[Summary](#)[Calendar](#)[Gantt](#)

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Future of DeepskyLog



- OAL
 - Upgrade to version 2.1
 - Rework the addition of objects using OAL
 - Add fstOffset
- Upgrade to HTML5
- Make a google map with the sqm values from DeepskyLog



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Future of DeepskyLog

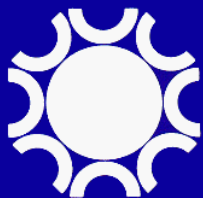
- Bugfixing
- New entry page for DeepskyLog
- Make it possible to receive messages also as mails
- Asteroid module?
- Rework of the comets module
- Usage of google translate



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DeepskyLog deployment

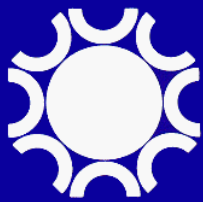
- Strongest points of DeepskyLog :
 - > 50000 observations
 - Possibilities to compare a lot of observations
 - Messaging system to contact other observers
 - Observing lists



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DeepskyLog deployment

- DeepskyLog runs on a modern webserver, located in an air-conditioned room (Institute of Astronomy – KUL).
- Downtime < 24h in worst case.
- Move to virtual machine planned this year → maximum downtime < 1h.
- www.deepskylog.org (de and nl) and www.deepskylog.be



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DeepskyLog deployment



- Problems :
 - Mysql port can not be opened, because 'not safe' enough
 - Code updates are frequent, both on the development as the 'stable' version.
 - Adding a common 'oculum' user for all the observations from the 'German' version is not possible, because we loose the power of DeepskyLog.