WEBLUN ©
Web sites manager of the Virtual Moon Atlas

Documentation for the version 8

Welcome in "WEBLUN », the lunar Web sites management module incorporated into the "Virtual Moon Atlas".

As amateur astronomers, we continue to improve the VMA in the mean of conceiving an always more useful software for lunar observers easy to use "in the field".

We always try to define the more easy to use abilities and interface.

Here is why we have incorporated in the VMA, a database manager called "**WEBLUN**" (Copyrighted name) that allows you if you have an Internet link to connect to lunar specialized Web sites.
.
It contains the most useful functionalities. We wish you to read this documentation while using the module to discover all the functions.

Good use and we hope that you will appreciate this new software and that you will promote it around you.

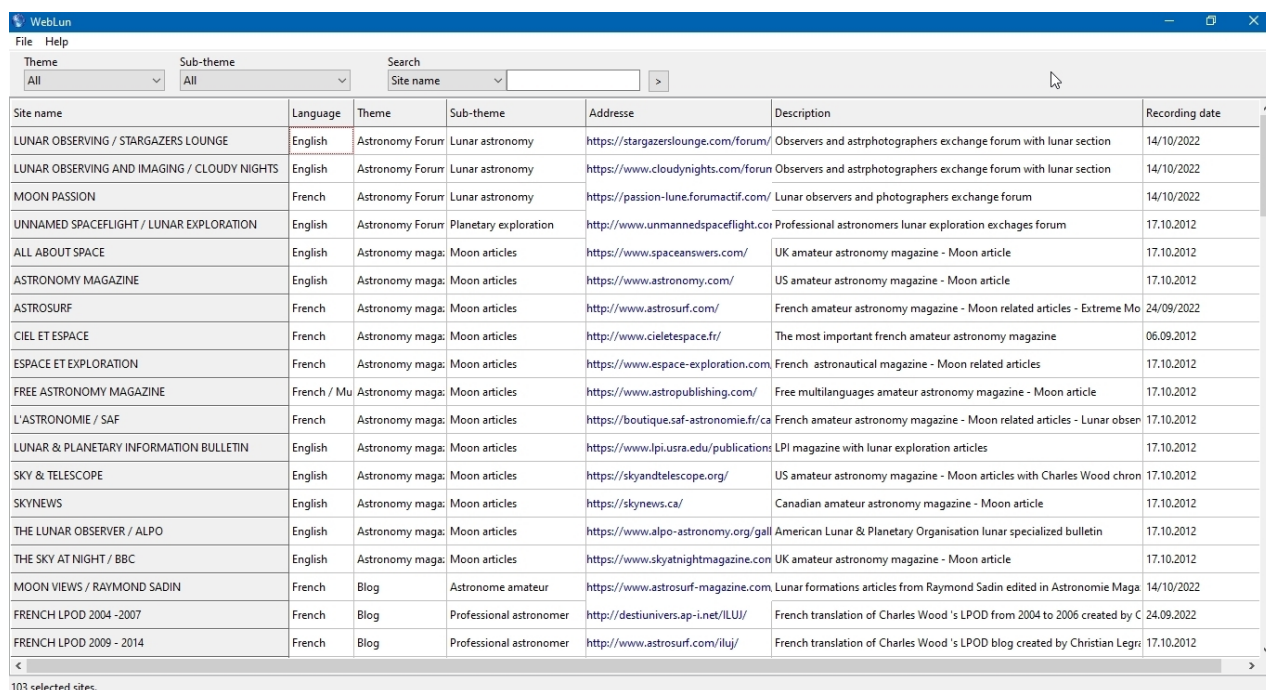Thank you very much for your confidence.

Christian Legrand & Patrick Chevalley

THE WEBLUN MODULE :

WEBLUN © is a module of the "**Virtual Moon Atlas**" managing a specialized lunar Web sites database.

It can be launched from the "**Command Center**" if you click on the **WEBLUN** button or in the ATLUN module if you use the **WEBLUN** button in the buttons bar. You can also launch it with the context menu "**Right click**".

THE WEBLUN SCREEN

WEBLUN screen is in a "Windows" frame. As all the Windows frames, you can minimize or maximize its size with clicking on the buttons on the right of the menu bar.
It's possible to open simultaneously the **ATLUN and WEBLUN** modules, so that you can continue your lunar survey while connecting to the Web sites.

WEBLUN window presents :
- The **Menus bar**
- The "**List**" window
- The **Status bar**

THE MENUS BAR
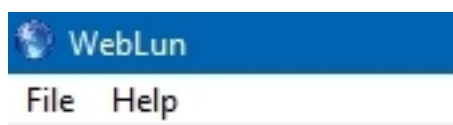
THE "FILE" MENU

Traditional in all Windows (R) software, in **WEBLUN**, its role is only to come back to defaut settings and to quit **WEBLUN**.
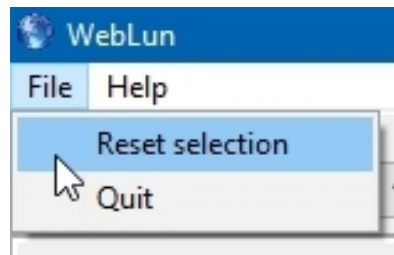
"Reset selection" FUNCTION

Activating this function will come back to the complete database rather than the short list you have selected

"Quit" FUNCTION

This allows you to quit **WEBLUN** while closing the database and keeping all the sttings about the base, the columns and the selection you have previously done.

THE SORTING FIELDS

Three sorting fields allow you tos select Web sites with common points in the following database fields :
- Theme
- Sub-theme
- Search

The field « **Theme** » allows you to select sites on a selected theme that you can choose in the scrolling list.
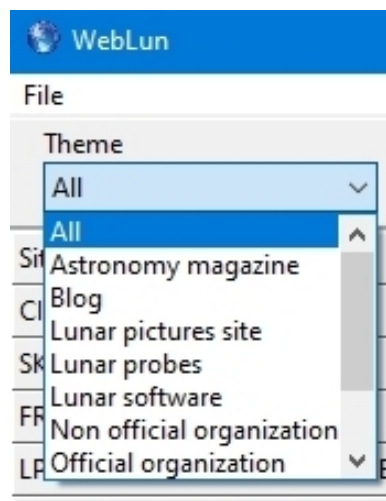
The field « **Sub-theme** » allows you to select sites on a selected theme that you can choose in the scrolling list.

The two "**Search**" fields allow you to select sites presenting in the field selected by the scrolling list at left and containing the alphanumerical chain that you enter in the right field.

THE "SELECTED LIST" WINDOW

The selected list window presents others functions useful for the datas sorting.
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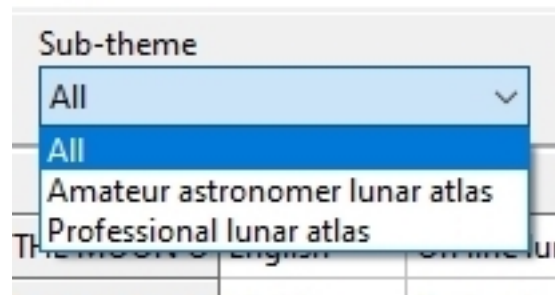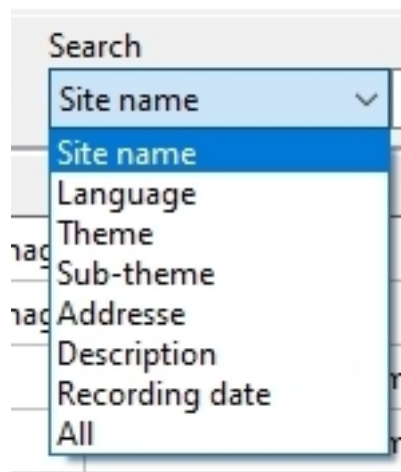| Site name	Language	Theme	Sub-theme	Addresse	Description	Recording date
ISRO / CHANDRAYAAN 1	English	Lunar probe	Chandrayaan 1	http://www.chandrayaan-i.com/index.ph	Official site of Chandrayaan 1 mission of India Space Research Organisation	30/06/2011
CNSA / CHANG'E 1	English	Lunar probe	Chang'e 1	http://www.cnsa.gov.cn/n615709/n7725	Official site of Chang'e 1 mission of China National Space Agency	30/06/2011
LPI / THE CLEMENTINE MISSION	English	Lunar probe	Clementine	http://www.lpi.usra.edu/expmoon/clemer	Clementine mission description by Lunar and Planetary Institute with links	30/06/2011
NSSDC / CLEMENTINE 1994	English	Lunar probe	Clementine	http://nssdc.gsfc.nasa.gov/planetary/lun	Clementine mission description by National Space Science Data Center with links	30/06/2011
THE CLEMENTINE MISSION	English	Lunar probe	Clementine	http://www.cmf.nrl.navy.mil/clementine/c	Clementine mission description by Naval Reasearch Laboratory	30/06/2011
USFS ASTROGEOLOGY SCIENCE CENTER / CLEMEN	English	Lunar probe	Clementine	http://astrogeology.usgs.gov/Missions/Cl	Clementine mission description by US Geological Survey with links	30/06/2011
JAXA / KAGUYA	English	Lunar probe	Kaguya	http://www.kaguya.jaxa.jp/index_e.htm	Officiel site of Kaguya mission of Japan Aerospace Exploration Agency	30/06/2011
JAXA / KAGUYA IMAGE GALLERY	Japanese	Lunar probe	Kaguya	http://wms.selene.jaxa.jp/selene_viewer	Pictures from Kaguya mission of Japan Aerospace Exploration Agency. Link toward	30/06/2011
NASA / LCROSS HOMEPAGE	English	Lunar probe	LCROSS	http://lcross.arc.nasa.gov/	Official site of Lunar CRater Observation and Sensing Satellite NASA mission	30/06/2011
NASA / LRO HOMEPAGE	English	Lunar probe	LRO	http://lunar.gsfc.nasa.gov/	Official site of Lunar Reconnaissance Orbiter NASA mission	30/06/2011
NASA / LRO IMAGES	English	Lunar probe	LRO	http://www.nasa.gov/mission_pages/LRC	LRO NASA probe pictures	30/06/2011
NASA / LROC QUICMAP	English	Lunar probe	LRO	http://target.lroc.asu.edu/da/qmap.html	Online lunar map combining LRO WAC and NAC pictures and reaching 1 meter reso	30/06/2011
LCP / LUNAKHOD 1 PANORAMAS	English	Lunar probe	Lunakhod 1	http://www.planetology.ru/panoramas/lun	Lunakhod 1 soviet probe panoramas processed by Laboratory for Comparative Pla	30/06/2011
LCP / LUNAKHOD 2 PANORAMAS	English	Lunar probe	Lunakhod 2	http://planetology.ru/panoramas/lunokho	Lunakhod 2 soviet probe panoramas processed by Laboratory for Comparative Pla	30/06/2011
MOONVIEWS	English	Lunar probe	Lunar Orbiter	http://www.moonviews.com	Lunar Orbiter Image Recovery Project	30/06/2011
USGS / LUNAR ORBITER DIGITIZATION PROJECT	English	Lunar probe	Lunar Orbiter	http://astrogeology.usgs.gov/Projects/Lu	Digitization of Lunar Orbiter probes pictures	30/06/2011
LUNAR PROSPECTOR HOMEPAGE	English	Lunar probe	Lunar Prospector	http://lunar.arc.nasa.gov/	Official site of Lunar prospector NASA mission	30/06/2011
NASA / LUNAR TIMELINE	English	Lunar probe	Lunar probes	http://solarsystem.nasa.gov/missions/pro	Liste of lunar probes from NASA with a brief description	30/06/2011
ESA / SMART 1 HOMEPAGE	English	Lunar probe	Smart 1	http://www.esa.int/esaMI/SMART-1/SEMI	Official site of European Space Agency Smart 1 mission	30/06/2011
ESA / SMART 1 IMAGES	English	Lunar probe	Smart 1	http://www.esa.int/esa-mmg/mmg.pl?b=t	European Space Agency probe Smart 1 pictures	30/06/2011
NSSDC / SOVIET MISSIONS TO THE MOON	English	Lunar probe	Soviet probes	http://nssdc.gsfc.nasa.gov/planetary/lun	Luna and Zond soviet missions description by National Space Science Data Center	30/06/2011
VIRTUAL SPACE MUSEUM	English	Lunar probe	Soviet probes	http://www.vsm.host.ru/emain.htm	Russian site about Luna and Lunakhod probes	30/06/2011

First note that the left column displaying the site name on a gray background is mandatory and can't be removed. Lifters on the right and the bottom of the window allow the liste move.

If you click on the grey title of one column, the list is resorted by numerical (if the field is numerical) or alphabetical (if the field is alphabetical) order **increasing. If you click a second time, the liste is resorted in** decreasing **order.**

"COLUMN WIDTH" FUNCTION

You can adjust columns width if you place the mouse cursor on its limit in the title bar. The cursor becomes a moving vertical line allowing the width setting..
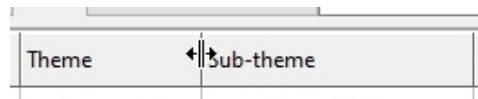
Push the left mouse button, stay pushed and go on left or right to increase or decrease the column width.

OTHERS FUNCTIONS

If you can't display a complete field because it's too long (as DESCRIPTION_SITE), place the mouse cursor on it. A "bubble" appears containing all the field.

Also, if you double-click a line, your Web browser is launched and it connects to the address of the site.

THE STATUS BAR

The status bar shows on the left the total number of selected lines.

THE WEBLUN DATABASE :

DATABASE PRESENTATION

This database is certainly and presently the most complete possible. Inside, you will find near one hundred interesting Web sites for Moon observing and survey with also sites telling the lunar exploration.
The database is continuously update by Christian Legrand.
We are listening our VMA users that could indicate us new lunar Web sites, but we can't guarantee that it would be included in the database.

DATABASE DESCRIPTION

You will find the following fields :

SITE_NAME :
A concise name of the site briefly describing the site if possible

NOM_SITE :
French translation of SITE_NAME

LANGUAGE :
Native language of the site. If another language version exists, it will be indicated as
« Japenese / english » for example. If several languages are available, it will be indicated
as "Multilingual".

LANGUE :
French translation of LANGUAGE

THEME_EN :
The main theme of the site. The main themes list is :
  - General site
  - Lunar atlas
  - Lunar probe
  - Lunar pictures site
  - Official organism
  - Non official organism
  - Online books
  - Astronomy magazine
  - Lunar software

THEME_FR :
French translation of THEME_EN

SUB_THEME :
For some themes, it's possible to sort the sites with sub-themes. For example, the "Lunar
probe" Theme has been subdivided for each of the lunar probes existing. In the same
way, the theme "SpDans certains thèmes, il est possible de classer les sites en sous-
thèmes. Ainsi le thème « Sonde lunaire » est subdivisé pour chacune des sondes
lunaires. De même, le thème « Site spécialisé » est subdivisé dans les sous-thèmes
suivants :
  - General
  - Observing guides
  - Volcanism
  - Mineralogy
  - Anomalies and LTP
  - Selenography
  - Nomenclature
  - Eclipses
  - Links list

SOUS_THEME :
French translation of SUB_THEME

ADDRESS :
The web site address as it has been recovered at the mentioned date in RECORDING_DATE. It's an Internet link directly clickable.

DESCRIPTION_EN :
A brief description of the site introducing the main informations that make it attractive

DESCRIPTION_FR :
French translation of DESCRIPTION_EN

RECORDING_DATE :
The recording date in the database of the Web site ADDRESS. This permits to actualize more easily the oldest addresses

DATE_ENREGISTREMENT :
Franch translation of RECORDING_DATE.

RECORDING NEW WEB SITES IN WEBLUN

You have realized an Internet site about the Moon and it's not in the WEBLUN © database ?

You can indicate it to us so that we can evaluate the interest for placing it in the database. Please contact Ch. Legrand at [chlegrand@free.fr.](mailto:chlegrand@free.fr)

We are looking for sites with the following themes :
- Site presenting lunaramateur images with a very high resolution (about 0,5 to 1 km/pix)
    - Site describing lunar formations

The authors will decide the inclusion or not in the database. If not, suggestions will be indicated to you to conform to the **WEBLUN** needs..

COPYRIGHTS

WEBLUN and WEBLUN database informations are copyrighted by Christian Legrand.

All use of WEBLUN outside of the Virtual Moon Atlas must obtain first the authorization of the authors.

"WEBLUN" MANUAL END

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The authors kindly ask users to report any errors found in this manual to them through the website forum..