



SPECVIEW VAMDC

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Accessing VAMDC from a
standalone Tool: SPECVIEW



Specview is a tool for 1-D spectral visualization and analysis of astronomical spectrograms from STScI

http://www.stsci.edu/institute/software_hardware/specview/

It is written in Java thus can be run anywhere Java is supported. Specview is capable of reading all the Hubble Space Telescope spectral data formats, as well as data from several other instruments (such as IUE, FUSE, ISO, FORS and SDSS), preview spectra from MAST, and data from generic FITS and ASCII tables. It can also read data from Virtual Observatory servers, and read and write spectrogram data in Virtual Observatory SED format.

Specview can overplot spectral line identifications taken from a variety of line lists, including user-supplied lists. Its linelists' query form has been modified to include the VAMDC Query Module, called QueryBuilder, thus providing the full capability of querying the VAMDC databases. In particular it allows to select finely the observed species and properties of linelists. Currently about 20 spectroscopic databases are inter-connected through VAMDC and accessible through VAMDC software and libraries.



Figure's credit: L. Lamy, LESIA, Observatoire de Paris, Far-UV spectrum of Jupiter plotted with Specview. The H-Lya transition is marked by a vertical line.

Support to access VAMDC Databases

You can implement all the protocols that VAMDC has designed: <http://www.vamdc.eu/standards>.

You might want to save time and to use our libraries in Java or other languages: <http://www.vamdc.eu/software>.

You may need some tutorials: see <http://tutorial.vamdc.org>.

You may need some help: send a mail to support@vamdc.eu.

You may want to exchange: <http://forum.vamdc.org>

