

[VOPlot](#) user interface has undergone a major revamp making it uncluttered, simpler to use and allowing greater flexibility to the end user. In addition to this, VOPlot now supports Multi-grid plots for 2D Scatter Plot, paginated view for seeing data in tabular format and various other features. Please refer to [change log](#) for details.

[VOPlot1_7.zip](#)

VOPlot is a tool for visualizing astronomical data. VOPlot is developed in JAVA, and acts on data available in the [VOTable format](#). VOPlot is available as a stand alone version, which is to be installed on the user's machine, or as a web-based version fully integrated with the VizieR database.

VOPlot uses [Ptplot 5.7](#), a 2D data plotter and histogram tool implemented in Java. Ptplot has been developed at [Electrical Engineering & Computer Science department](#) at the University of California, Berkeley and is freely available under a BSD style license. VOPlot is developed as an applet, and a Java plug-in is required to view it in a browser.

VOPlot can be invoked by selecting the Plot (VOPlot) option while using VizieR.

VOPlot has been developed as a part of the Virtual Observatory - India initiative by [Persistent Systems Ltd. \(PSL\)](#) and the [Inter-University Centre for Astronomy and Astrophysics\(IUCAA\)](#), in collaboration with [Centre de Données astronomiques de Strasbourg \(CDS\), Strasbourg](#) and with support from the European AVO project. The collaboration between VO-I and CDS extends to several related projects. The VO-I project is supported by the [Ministry of Communication and Information Technology of the Government of India](#).

The Web Based Version of VOPlot

Écrit par Administrator

Lundi, 02 Novembre 2009 08:24 - Mis à jour Jeudi, 21 Juin 2012 11:53

VizieR, developed by [Centre de Données astronomiques de Strasbourg\(CDS\)](#) provides access to the most complete library of published astronomical catalogues and data tables available on line, organized in a self-documented database. Query tools allow the user to select relevant data tables and to extract and format records matching given criteria. Specific care has been taken for optimizing access to some very large catalogues such as Guide Star Catalogs, the USNO-A2, 2MASS.

VOPlot is fully integrated with VizieR, and it allows the user to visualize data extracted from any of the catalogues from the database. Presently it can be used to display the distribution, as a histogram, of any data field, or to plot two data fields against each other. Simple transformations can be applied to the extracted data. The visualized portion can be just a dynamically selected subset of extracted data. Some simple statistical information about the selected data can be obtained.

Instructions for Incorporating VOPlot in a Web Application

Please click [here](#) for help on incorporating VOPlot in a web-based Application

Note: If you are interested in plotting huge catalogues like Tycho and UCAC, you can try VOMegaPlot or VOMegaPlot Client Server tool. VOMegaPlot supports only a subset of VOPlot's features.

Downloads

[WebStart](#) for latest **stable** version of VOPlot

[WebStart](#) for latest **beta** version of VOPlot

VOPlot

Écrit par Administrator

Lundi, 02 Novembre 2009 08:24 - Mis à jour Jeudi, 21 Juin 2012 11:53

VOPlot for plotting VOTables

Version

Download File

Userguide

Released On

1.8 Beta [VOPlot1_8_beta.zip](#)

(requires java 6 or above) [VOPlot_UserGuide_1_8_beta](#) 06 Mar 2012

1.7 [VOPlot1_7.zip](#)

(requires java 6 or above) [VOPlot_UserGuide_1_7](#) 12 Sep 2011

1.6 Beta [VOPlot1_6_0_beta.zip](#)

(requires java 6 or above) [voplot1.5 beta new features guide](#) 13 May 2011

1.5 [VOPlot1_5.zip](#) [voplot1.5 new features guide](#) 11 May 2009

1.5 Beta [VOPlot1_5_0_beta.zip](#) [voplot1.5 beta new features guide](#) 22 May 2008

1.4 Beta [VOPlot1_4_1_beta.zip](#) [voplot1.4.1 beta userguide](#) 12 July 2007

1.4 [VOPlot1_4.zip](#) [voplot1.4 userguide](#) 15 February 2007

1.3.1

[VOPlot1_3_1.zip](#)

VOPlot

Écrit par Administrator

Lundi, 02 Novembre 2009 08:24 - Mis à jour Jeudi, 21 Juin 2012 11:53

[voplot1.3.1 userguide](#)

13 October 2006

1.3

[VOPlot1_3.zip](#)

[voplot1.3 userguide](#)

17 April 2006

1.2.1

[VOPlot1_2_1.zip \(Source Code\)](#)

[voplot1.2.1 userguide](#)

07 May 2004

1.2

VOPlot

Écrit par Administrator

Lundi, 02 Novembre 2009 08:24 - Mis à jour Jeudi, 21 Juin 2012 11:53

[VOPlot1_2.zip](#)

voplot1.2 userguide

09 Oct 2003

1.1

[VOPlot1_1.zip](#)

voplot1.1 userguide

18 July 2003

1.0

[VOPlot1_0.zip](#)

voplot1.0 userguide

31 Jan 2003

Change log for VOPlot3D is available [VOPlot3d1_0.zip](#).

Écrit par Administrator

Lundi, 02 Novembre 2009 08:24 - Mis à jour Jeudi, 21 Juin 2012 11:53

Please send comments and questions to voindia@vo.iucaa.ernet.in

Please click [here](#) for the disclaimer

Future Development

VOPlot is under continuous development, and versions to be released in the future will have more sophisticated graphics, higher dimensional plots, advanced statistical functions.