New Features in TOPCAT

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TOPCAT v2.0 (3 Feb 2006), v2.1 (7 Apr 2006)
What is TOPCAT?

• GUI program for tabular data (e.g. catalogues)
  - View/edit data and metadata
  - Make, compare, manipulate row selections
  - Add, remove, rearrange columns
  - Crossmatching
  - Visualisation
  - ...

• Supports VOTable, FITS, SQL, CSV, ...

• Large data sets ($10^6$ rows)
New Graphics Features

- Multi-dataset/multi-table plotting
- New plot types (histogram, 3D, density, lines)
- Individually configurable plot styles
- Transparent markers
- Line drawing & linear correlation
- Improved column selection
- Manual axis configuration
- Status line
- Performance improvements
- Asynchronous plots
... see other talks
2d Plot
Histogram
3D Plot

The image shows a 3D plot with data points representing galaxies and stars. The plot includes axes labeled as BMAG, RMAG, and VEL. The data table shows that 4,217 potential data points are included, with 4,217 visible and 1,666 potential data points.
Stacked Line Plot