

Official version history and changelog information for Grapher 17 Preview.

Grapher 17.0.392 (4 November 2020)

New features and Improvements:

- Error bars: Connect error bars by sorted order not drawing/worksheet order. This will effect the way an existing project looks when opened in the latest version.

Fixes:

- Polar function plot: discontinuous data is honored in the line plot. This will effect the way existing projects look when opened in the current version.
- Automatic backup was failing when saving worksheets
- Crash when opening an empty file
- Internal Error occurred when importing GPX files
- Internal error occurred while changing label column for bubble plots
- Labels on a scaled 2D plot with an offset can be rotated
- Crashed when saving GRF file
- Torus was missing a slice when the start angle was set to specific degrees
- Crashed when changing the opacity (or toggling on/off) of objects, including line plots
- Crash when saving a file with bar charts
- Crash after undoing paste
- Saving GRF file corrupts the file and appears to save GRF as an image
- Opening GPJ saved to OneDrive corrupted the file
- Print: Fit to Page wasnot printing whole project as expected
- In automation, using Worksheet Range Parent created an error
- When using a line plot, the symbol table legend changed state of existing legends
- Automation: AutoAxis.Max did not update right away when changing value in a worksheet
- Histogram: "Exponential PDF Fit" Scale Value could not be changed
- Error bars: Vertical error bar connection fill disappeared when Custom negative applied
- Adding a contour grid map to 3d bar/floating bar chart resulted in an invisible graph
- Symbol rotation behavior now matches Grapher 12 and previous per requests
- Changing the orientation for group in a 3DXYZ Bar Chart caused huge aliased bars
- Rotating a legend did not locate the legend in the expected location
- Resolved the following invalid error when activating: "*License is invalid for this product and version*"
- Previous versions of Grapher Preview were not being uninstalled during install when requested

- Automatic backup was failing for worksheets

Grapher 17.0.344 (3 September 2020)

New features and Improvements:

- Major grid lines now draw on top of background line (this may affect the appearance of existing files)
- The top level object is now selected when multiple objects are overlaid (prior versions the bottom object would be selected)

Fixes:

- Discontinuous data setting was not being honored
- Using yearly date/time tick spacing resulted in incorrect axis limits
- The default Backup file path has been updated and will save GBK files
- Linear fit was not going through data with non-zero frequency if the first row did not have data
- Fit curves were not correct for grid or function maps
- Linked axis length was not updating after the master axis was resized using the object handles
- Grapher became unresponsive when moving legend to another Grapher object
- Setting the Ruler or 3D Text to bold was also setting the font to italics
- Radial axes and plot line were drawn incorrectly according to angle axis settings
- Objects within selected items could not be accessed via automation
- XZ Contour Data and XZ Contour Grid Map contour line properties were not being applied
- Making changes in the Options dialog was causing changes to a file to not be saved
- Crash when editing in the Text Editor
- Crash when changing line style for a Line/Symbol plot
- Crash when editing Magnifier settings
- Crash when deleting a Bar chart in a Bar Chart group

Grapher Preview 17.0.410 (5 August 2020)

Fixes:

- The Radar Plot legend was not displaying symbols when Symbol Size is set to Plot Size
- Crash when deleting

- Crash when closing Grapher after saving
- Clipping was causing some valid data to be hidden when using Discontinuous data
- Internal Error when pasting
- Bar chart was unable to set clipping limits
- Crash after adding Y axis
- Crash after saving a file and then reloading data
- Internal Error when turning on visibility for line/scatter plot
- When using File | Print the tile option was only printing the first page
- Data was not being added via automation with a Template
- Plot symbols were removed after drawing plot to clipping limits
- Crash when smoothing a line
- Crash after converting to a 3D graph and adding/deleting a legend
- Crash after deleting a legend

Grapher Preview 17.0.291 (8 July 2020)

Fixes:

- Adding a duplicate axis was changing the tick labels and title position for the original axis and the new axis
- Legend font reset to default when a previous version Grapher file was opened in the current version
- The standard deviation and standard error are now the same for edges and whiskers on a Box Plot
- Undo was not undoing the action of moving a text box.
- Crash when changing axis title position then undoing
- Crash after undo deletion of worksheet row

Grapher Preview 17.0.247 (13 May 2020)

New features and Improvements:

- Save preview image as default is now Bitmap

Fixes:

- The default properties for the X and Y axis were not saving
- Changing the length position of axis tick marks was not automatically moving the title
- Metafile was not visible after opening a saved file
- The minimum and maximum labels of a Box Plot were only displaying with outliers
- Grapher was hanging after a worksheet for linked text was changed

- Graphs with horizontal histogram fits changed the X Axis to Y Axis when opening a project or creating a new project
- When moving a label the arrow keys were moving the cursor instead of the label
- Internal error occurred when creating a ternary plot from Grapher's worksheet
- Crash when undoing delete of meta file
- Crash when deleting fit curve
- Crash when saving to network drive
- Crash when copying a graph containing a legend
- Crash when opening GRF/GPJ with a histogram and fit curve

Grapher Preview 17.0.225 (11 April 2020)

New features and Improvements:

- Support Code is displayed in license dialog and About dialog.
- The license dialog could display inaccurate information if accessed quickly after starting Grapher.
- If a user attempts to activate a product key and all activations are used, the warning message now includes a link to a support page.
- In-app notification messages can now be displayed for select build numbers.
- Legend: Class scatter plot added to regular legend now displays the line properties.

Fixes:

- Grid lines shared with other plots were not saved to GPJ file
- Opening same file in Grapher 16 versus Grapher 17 resulted in different legends
- Legend disappeared after converting between 2d/3d and using Undo
- Linked text date/time was using US date/time instead of computer date/time
- Selection box was too wide for Box-Whisker Plots
- The Data Import Options dialog no longer appears for every TXT worksheet imported into a GRF file
- Axis labels: when axis labels wrap, the wrapped text is now left-aligned
- Axis labels: rounding error for axis label at '0' value
- Color Scale: scale was not displayed after opening file with color scale property enabled
- Vector plot: missing color scaling options in the Property Manager
- PDFv Export: was not exporting all lines correctly for Doughnut plots
- Automation: WhiskerLowerPercentile was not working
- Automation: Quit after Close caused crash on files with Grid Maps
- Options: It was not possible to remove the "Project Folder"
- Crash when when doing action between double clicking text
- Crash when importing XLSX with missing sheet

- Crash displaying certain labels on box plots
- Crash when drawing title text on plot with single point
- Crash when changing Worksheet for line plot
- Crash when cancelling an export
- Crash when clicking and dragging radius axis for rose plot in the Object Manager
- Crash when saving a grid saved to Samples via sample script

Grapher Preview 17.0.202 (11 March 2020)

- [What's New in Grapher Preview](#)
 - Link Axis: X offset or Y offset based on other axis length or value
 - Resize legends proportionally when dragging selection box handles

Fixes/Improvements

- Crashes
 - Crash opening the Colormap Editor
 - Crash when copy/pasting in data
 - Crash when using Open Excel to import an XLSX file with a missing sheet
 - Crash when undoing while a script was running, then closing Grapher
 - Crash when canceling an export
 - Crash when changing Worksheet for a line plot to a file opened with the Open Excel command
 - Crash setting the number of columns for two legends in two graphs at once
 - Automation: Crash quitting after closing a file containing a grid map
 - Internal Error when opening the Text Editor
 - Internal Error adding a fit curve to Rose, Wind, or Polar Vector plots
 - Internal Error when selecting a plot that was pasted into a group
 - Internal Error after failing to compute an orthogonal polynomial fit
 - Grapher closed when a polar wind plot was deleted
 - Grapher stopped responding after editing a text box without changing the text
- Fit Curves
 - Incorrect RSS and RGSS equations resulted in incorrect R and R-sq'd statistics
 - Lognormal fit curve did not appear inside of the confidence interval
 - Inserted fit statistics did not update correctly when the fit type was changed
 - Custom fit equation disappeared from the Property Manager when the equation was changed
 - Fit curve line color was not changed when using the Change colors command to apply a gradient across line-type plots
 - Orthogonal Polynomial fit didn't update the degree in the Property Manager after the initial calculation
- Plot-specific

- Line Plot: Color Method could not be undone
- Pie Chart: Background fill properties were not displaying in the Property Manager at times
- Function Plot: Plot was not clipped to Y min/max consistently
- High-Low-Close Plot: Improved behavior of Change Colors command
- Display class plot line properties in standard legend
- Axes:
 - Rounding errors around "0" for descending axes
 - Dragging an axis on a multi-plot graph only moved one plot
 - Added a prompt to update axes limits when a plot is clipped
- Error bars:
 - Incorrect Y axis limits when adding error bars to horizontal category bar charts
 - Changed behavior of "Draw behind plot" to apply to fill as well as line
- Data:
 - Sort did not work as expected on some computers
 - Adding new plots to a row-data plot stopped incrementing the rows when the column count was reached
 - Chose smarter initial x/y columns (no text columns)
- Text/Titles/Labels:
 - EMF Export or copy/paste: Rotated text appeared bolded
 - Moving rotated text with arrow keys didn't always work as expected
 - File | Save: Text color and opacity was not saved
 - Label angle was not remembered between saving and reopening a project file
 - Source text alignment was lost when using labels from worksheet
 - New position of moved label was not saved when saving back to a Grapher 11 file format
 - When copy/pasting a plot into Word, the plot titles were no longer present
 - Title along line did not take into account line width
 - Color scale title rotated as you zoomed in/out
- Open/Save (file format):
 - Open dialog: Preview did not display for a GPJ saved in Grapher Preview v.16
 - Welcome dialog preview was lower-resolution than it used to be
 - Improved speed when opening a file containing polar plots
- Grid divisions:
 - Grid Divisions did not appropriately divide grid by centimeters
 - Zooming removed some grid dots
- Other:
 - Digitize Fixed: Cursor jumped off of the line
 - Automation: Script recorded from adding a custom fit didn't run (incorrect order of commands)