

Official version history and changelog information for Grapher.

Grapher 20.2.321 (November 22, 2022)

Improvements

- Duplicate command does not have a name/description/tooltip in the menu
- When removing fit or confidence plot, remove them from all axes, not just linked axes
- Options: plot palette option to use should be renamed and have more help
- Axis Label Alignment for X Axis and Box Plot Axis seem backwards
- Export PDF vector: unsupported fonts that can't be embedded look much closer to their original font

Fixes

- 2-Point vector plot: when creating from worksheet or Add Plot, creates 1-point instead (and vice-versa)
- 3D graph: moving plot causes non-angled axis titles to move very strangely and aren't undone correctly
- Auto recovery: can get stuck opening empty recovered files every time new instance launches
- Automation: Docs.Add does not add specified data to GRT files
- Automation: Math plot removed after calling RemoveAllPlots method and deleting line plot
- Automation: Plot Label: Font size isn't recorded for all plots when multiple plots selected (or any PM spinner/slider controls)
- Axis Break: Tick spacing after break incorrect
- Can define custom fit equations with words for parameters but Properties expects single characters
- Choose Axes: when axes are also selected, cancelling results in axes pasted as free-floating
- Class Legend: still shows old entry names after changing to class by name
- Class scatter: odd behavior with Object Manager when converting class scatter in 3D graph
- Confidence interval shifts when changing color of associated line plot
- Convert Plot Type: Changing 3D Bar Chart to Horizontal Bar Chart makes plot and axes distorted
- Crash (no reporter) when adding confidence interval to polar fit plot
- Crash when deleting plots
- Crash when importing DXF
- Crash when loading DXF file after error about file being in use by another process
- Crash when opening CSV in worksheet
- Crash when starting Grapher
- Crash when trying to load a TIF file
- Crash when trying to set axis limits
- Defaults: X and Y Axis title font size does not work

- Disperse Overlapped Labels dialog: Untitled dialog is raised when invalid value is entered
- DXF import: mirrored polyline
- Export: directory is not remembered
- Fit Curve: Confidence Intervals no longer display
- Internal Error after changing axis limits (AxisSupport.cpp)
- Internal Error editing confidence plot when fit doesn't support it
- Internal Error when exporting PDFv, EMF (Dib.cpp)
- Internal Error when selecting Property Manager for multiple plots (ObjTreeCtrl.cpp)
- Legend: partial border is still visible when setting legend visibility off
- Link axis: Axis length does not adjust automatically after linking
- Math plot: after removing with undo, data is incorrectly plotted on Y axis
- Metafile is flipped vertically for 3D bubble plot
- Move Label: 3D rotation can cause opposite movement of labels than expected (improve direction for movement)
- Open/Import DXF: std exception error (vector too long)
- PDF Export: fill between plots produces thin lines when printed to PDF or exported to PDF(vector)
- Properties: Remove Average Value Symbol Properties when not appropriate
- Radar Graph: when including columns with no numeric data there are weird rendering issues (+ changes in worksheet can lead to a crash)
- Recorder: DateType and TimeType not recorded for required SetDateTimeFmtType parameters
- Recorder: PasteSpecial for wks format needs to record wksClipboard value
- Symbol Properties: improve behavior of disabling/hiding properties that aren't applicable
- Tick Marks: Minor tick label options for log10 axes changed from previous versions
- Undo does not restore title text after enabling Link Title
- Undo/redo does not restore state after data range updates
- XYZ Line: fit curve does not update when data is deleted
- XYZ Vertical Bar Chart: Z axis labels are getting cut off
- Z axis: flipping direction with angled title also moves position

Grapher 20.1.151 (8 August 2022)

New Features and Improvements

- Axis: Inverse or Reciprocal Scale on Linked Axis from function
- Axis Break: Multiple axis breaks on a single axis
- 3D plots: support transparent gradients
- Stacked/adjacent option for histograms
- Clipboard: Duplicate command (plot, graph, axis, drawn object)
- Duplicate Page and all objects within
- Custom fit curve: add Function button in PM
- Log Axes: Change Divisions of Minor Ticks
- Plot Symbol: Get symbol and symbol line color from worksheet Color column

- Class Scatter Plots: hide/delete any class individually
- Save As dialog: remove extension from autofilled file names
- Maintain Data Limits Frequency & Wks Range when converting between plot types and adding
- new plots via Create
- Save/Export: Remove 'All Files(*.*)' option when saving or exporting
- 3D Bubble Plot: Support transparency
- Tick Labels: Offset in both X and Y Directions (merge into G20 and Test)
- Rename some break axis controls
- Open Excel: Remove from Grapher
- Link Axis: Link tick position
- File Open: Button text in dialog cut off, font looks bolded
- Symbol color variable: when using symbol table after color scale is created, color scale is left
- behind
- Histograms: Reset bins when data filter changes
- Data Filter: Use Header row in Data window instead of just the Column name
- Histograms: Reset bins when worksheet changes
- Class Method Name: Option to choose which names are plotted
- Copy: When copying a linked object (legend, color scale, etc.), skip warning if linked graph/plot is already selected
- OM Plot name - honor characters like : and + and spaces
- Have a uniform way to create any kind of legend for any kind of plot
- Option to NOT use plot palette for line plots
- Class piper/durov/extended durov plots - create legend by default
- Confidence Interval: Indicate which fit curve or equation was used to create the CI
- Class Legend: Add/Remove entries (like other Legends)
- Legend Title PM page - Remove Title Properties section
- Axis labels: remove Abbreviate strings/Max characters options for minor labels
- Multi-Graph Legends Should be Listed as "Multi-Graph Legend <#>" in Object Manager
- Paste plots: use same graph/axes for all when pasting multiple plots
- Tick Labels: Offset in both X and Y Directions

Fixes

- Automation: AddAxis: typo in error message
- Recorder: does not register correct type of paste for Paste method
- Automation: Legend: don't force users to use two commands to set the Font
- Box Plot: Outliers should not be used for auto axis limits if they're not shown
- Automation: SetDataFilter is converting all text to uppercase when filtering data from Excel
- Automation: should not be possible to duplicate durov axes
- Reload Data: if files are one OneDrive and data file is open, generate error
- Class Scatter Plot: Symbol: Frequency doesn't work

- Ticks: Last tick value does not update correctly when using Probability scale
- Object Manager: undo does not restore position of multiple objects moved
- Axis Ticks: Allow minor ticks before major ticks when Start Major ticks at is Custom