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SlideRule

...version history

SlideRule v2.7.1	**Site licence costs less** Added golden section constant Phi.

SlideRule
v2.7

Uses Appearance Manager

This version requires a powerPC and system 8.0 or later

- Most windows now use the Appearance Manager.
- More features for the Tape window.
- More options in the Preferences dialog.
- Most of the code has been modified to prepare for the transition to system X.

SlideRule
v2.6.1

Maintenance Upgrade

Overall, this version should be faster and more robust.

- Memory management has been improved and the total amount of RAM required has been reduced, especially for the PPC version. Better memory management also makes the program run faster.
- The Tape window now shows you how long the tape is and how much space is left.
- Information about the System and SlideRule is now available in the About dialog (for registered users only, unregistered users still get the Register dialog instead).
- Fixed rounding problem with fractional numbers. 60 seconds was displayed as 60 seconds, it should be 1 minute!
- Restored some of the brighter colour schemes.

- Added Round and Truncate functions.
- Added a great deal of internal self-testing. Tidied up some of the older parts of the program, they're cleaner and faster.
- Improved rounding, some functions are more precise than others and need rounding to match.

SlideRule v2.6

New Number Formats:

- Bigger numbers.
- Floating point hexadecimal.
- Engineering exponents.
- Fractional numbers.
- Pop-up menu of all formats.
- Tape can be copied to clipboard.
- Redesigned appearance.

In 2.6 most of the input and output code has been rewritten to allow for different number bases. Rounding is also more sensitive.

SlideRule v2.5

A fix and some polish:

- Separate PPC and 68K versions.
- Runs faster on PPC.
- Fixes a bug in the registration code.

2.5r3 is a slight modification to the original 2.5. All that's changed is the registration dialog which is a bit more robust, and intuitive.

SlideRule v2.4.2

Power PC

- **Fat version**
  Rebuilt to run native on both 68k and PPC machines.
  Made some minor improvements to the code.

SlideRule v2.4.1

Some fixes

- **Keyboard handling**
  Improved reliability across international keyboards.
  Shift key is no longer used for 'alt' function, it's option key only. Option key is ignored for keydown events.
- **Sound**
  Alt click is more emphatically different.
- **Memory**
  Fix for occasional problem on G3s.
  Increased partition and rearranged segmentation.
- **Numerical error handling**
  Fix for inconsistent reporting
  No longer checks range before entering function, allows it to fail naturally, then puts an explaination in the log window.

SlideRule v2.4

A major rewrite

- Rewrote the calculator engine to track the precision of numbers. This deals with the display of rounding errors.
- Added combinations and permutations.
- Added a Functions menu with hyperbolic functions.
- Rewrote most of the code behind the Log window. It's a cleaner implementation. Redesigned log's layout.
- Major rewrite of the menu handling code:
  - Customisable Convert menu.
  - Convert menu now remembers last used conversion.
  - Constants moved to the RCL popup menu. They are more accessible there.
  - All menus operate faster.
- Redesigned Prefs dialog. Now uses popup menus.
- Changed the way commands from the keyboard and buttons are communicated to the inner calculator. It's simpler and more flexible.
- Changed the way update events are handled because the program could misbehave on some machines under System 8.6.
- Push and Pop moved to ST and RC menus, as alternative functions.
  Buttons are more animated when clicked.

Changed colour schemes.
- Changed name to SlideRule.

YaCa v2.3	**A fix and some polish:**

- Bug that could cause brackets to be evaluated incorrectly is fixed.
- Improved appearance.
- Unregistered warning now at close.
- Compiled with new version of MPW.

YaCa v2.2	**Better numbers:**

- Higher internal precision eliminates most rounding errors.
- New fixed point mode.
- Small changes to interface.

YaCa v2.1	**Better interface:**

- Buttons and display are bigger.
- New buttons for alternate function, angle and number formats, and undo.
- Undone state displayed in LCD.
- Clear All is now undoable.
- Added a cube root function.

YaCa v2.0.2	**Mostly fixes:**

- Return key is now an '='.
- Enter key on power books recognised.
- Prefs window now hidden when in background.
- More robust event handling was needed for System

8.6.
- The code has been fine-tuned in numerous places so that it will run more smoothly.

Mostly fixes:

YaCa
v2.0.1

- Fixed bug that caused occasional crash when user quits with the log unsaved.
- Understands German keyboards better.
- More conversions (approximations are now indicated by italics).
- Moved constants to Numbers menu.

New version:

YaCa
v2.0

- Complete rewrite with lots of new features.

v1.5.1   **Version 1 is obsolete**

v1.5   :

v1.4.1   :

v1.4   :

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