

Palm Rules

Digital Measurement Tool and Database

Before you begin

The Palm Rules software must be setup before you can begin using it accurately. The settings screen will allow you to set your preferences.

Settings

Ruler Left		Ruler Right	
<input type="checkbox"/> Metric	<input checked="" type="checkbox"/> Items Database		
<input checked="" type="checkbox"/> Color	<input checked="" type="checkbox"/> Show Reference		

Ruler Attributes

Standard		Caliper	
▼ Widest	▼ Blue		

OK

Ruler Left/Right - Ruler will be displayed on the left or right of the display

Metric - Display units are shown in centimetres, not inches

Items Database - Software will allow storage of measurements to database

Show Reference - A reference length can be set so that differences in length measured can be shown

Ruler Attributes - Ruler can be caliper style having two horizontal lines or a standard vertical bar having different widths so it is visually easier for you to measure objects

Calibrating the Ruler



Begin by placing a ruler (having inches or centimetres) beside your Palm device.

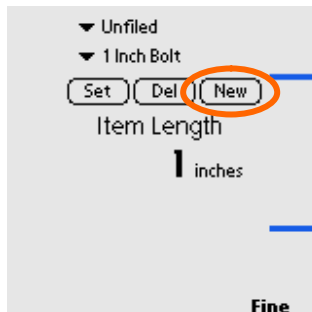


Increase or decrease the height of the ruler (two lines if you chose the "Caliper" setting above) so that **one (1) inch** on the actual ruler coincides with the lines of the Palm ruler. Set the ruler to **2 centimetres (2cm)** if you are using the 'metric' setting. Click 'Set Ruler' to save.

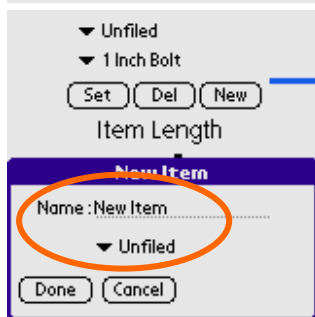
Use the up/down buttons to increase/decrease the marker height.

Your Palm ruler is now calibrated and ready to go!

Saving Digital Measurement to the Palm Rules Database



You can save all measurements made to the Palm Rules database. Begin by clicking the 'New' button and fill in the name of the item you are measuring.

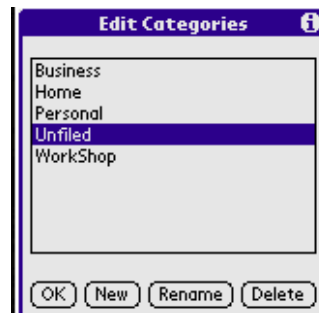
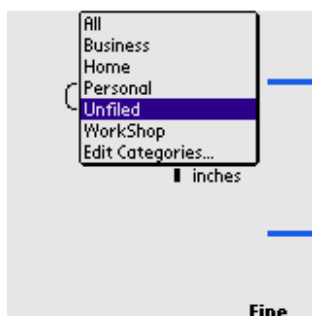


Select the category for the measured item using the drop-down list. Click 'OK' to save the item.

You may delete any item from the database by clicking the 'Del' button while the item name appears in the item pick list.

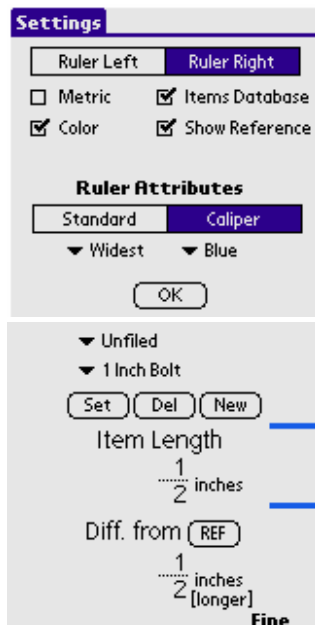
To overwrite the current item's measurement, adjust the ruler to reflect the new measurement and click the 'Set' button. Answer 'Ok' when prompted to overwrite or 'Cancel' to abort.

New categories may be added, deleted or editing by selecting the 'Edit Categories..' drop-down item.



Using the 'Reference' feature

Palm Rules allows the user to set a measurement reference which will display differences in length between two objects.



To use, make sure the 'Show Reference' feature has been selected from the settings screen.

The 'Diff from REF' labels appear. Adjust the ruler until the desired length is set for the reference. In this case, 1/2 inch is used as a reference. Click the 'REF' button and confirm the dialog window.

New adjustments to the ruler will display actual length and the difference from 1/2 inch (either shorter or longer). The reference is saved even if you quit the Palm Rules application.

Using the Palm Rules Software



This is the current category and object retrieved from the database. Select the category and item currently displayed from the list or use the hardware buttons as described below.

Accuracy of digital measurements is 1/32 inches or 1 millimetre.

(1) If you chose to have the ruler display on the right, this button blanks the displayed text so that only the marker is visible. This may help you to adjust the ruler without being distracted by other objects on the screen. If the ruler is displayed on the left, this button will switch to the previous item in the measurement database.

(2) If you chose to have the ruler display on the right, this button will switch the ruler mode from 'coarse' to 'fine'. 'Coarse' mode will make greater changes to the ruler when using the up/down buttons, 'fine' mode makes smaller changes. If the ruler is

displayed on the left, this button will switch to the next item in the measurement database. This button will do the opposite of what is described in (2). This button will do the opposite of what is described in (1).

Example measurement of an Object

You have found a bolt lying around in your workshop. You decide to measure it and save the length in the Palm Rules database so you can find another at the hardware store.



The Workshop category has been selected. You have named the bolt object 'New Item'.

The bolt is 1 1/2 inches long.

This object is 1 inch longer than your reference length.