

PiCoMap Quick Start Guide

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Center for Highly-Interactive Computing in Education

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<http://hi-ce.org>
<http://hi-ce.org/palms>

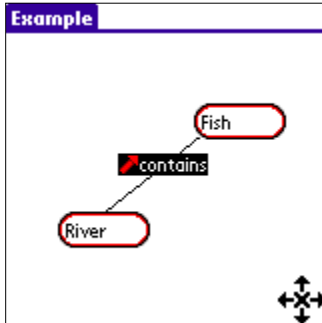


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What is PiCoMap?



PiCoMap enables learners to create, edit, and share concept maps on their Palm OS devices. PiCoMaps can be shared with others via infrared beaming and can be beamed directly to a infrared-capable printer. Using a conduit on the Apple Mac or Windows personal computer, PiCoMaps can be uploaded from the Palm OS device.

System Requirements

- Palm Compatible Handheld with OS version 3.1 or higher
- Palm Desktop Software with compatible Windows or Macintosh computer (for .prc file installation)
- 32 KB memory for full installation

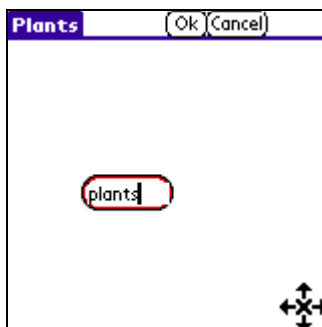
How to use PiCoMap



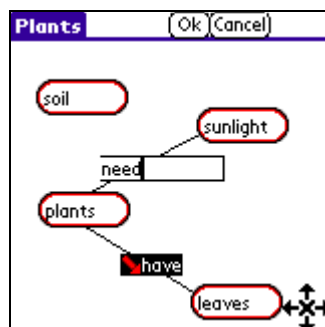
When PiCoMap is first started you are given three choices. Tap Open to revisit any existing PiCoMaps on your handheld. Tap New to create a new PiCoMap project. Or tap Last to reopen the last PiCoMap being worked on.



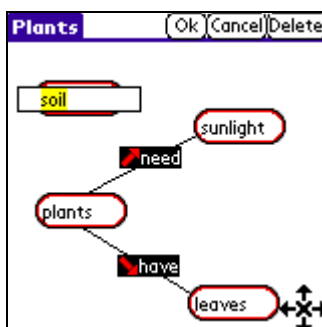
After tapping on the new button you will be prompted to title your new PiCoMap and also to enter the creator's name. These will be used to identify the files for later use.



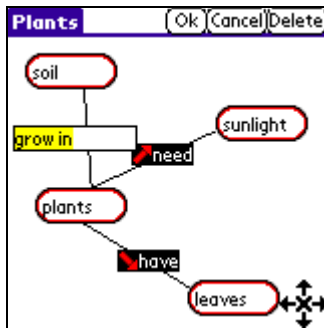
There are two main elements that are used when drawing concept maps. First, there is the node. A node is the “bubble” where an idea is written. To create a new node, draw a circle with your stylus in the main screen area. Make sure to draw slowly and create a closed figure. It is also important to not draw in the graffiti area. Once a node is created, you have the option of naming it or leaving it blank.



The second element in a PiCoMap is the edge, representing a relationship between ideas. An edge connects two nodes in a certain direction. To create an edge, drag your stylus from the center of the first node to the center of the second. You will then be able to name the edge. To rename or delete an edge, simply tap the red



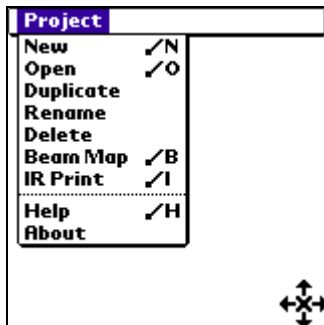
Once you have created nodes and edges in PiCoMap you can edit, move or delete them. To edit or delete a node, tap on the center of the node and then either edit the text or tap the delete button in the top right corner of the screen.



To move a node simply tap the stylus in the center of the node and drag it to a new location. Edges will also move to follow any nodes they are attached to. It is important to remember that edges are directional, thus you can have two edges between two nodes going in different directions.

To move around in PiCoMap, use the arrow buttons in the lower right hand corner of the screen. To return to the original starting position, tap the “x” in the center of the arrows.

The Menu Bar



New: Begins a new PiCoMap
Open: Opens an existing PiCoMap
Duplicate: Will duplicate the current document
Rename: Changes the name of the current PiCoMap
Delete: Deletes a created PiCoMap
Beam Map: Share your map PiCoMap with other people
IR Print: Print your PiCoMap directly using IR

Help: Displays tips about PiCoMap
About: Displays information about the program

As with all Palm OS applications a menu bar can be accessed by tapping the menu icon located near the graffiti area of your Palm Handheld.

Beaming



Sharing PiCoMaps between multiple handhelds can be done in a few simple steps. First, the sending student needs to select the Beam Map button in the Commands menu. Then place the two handhelds' infrared ports close to each other and the map will be sent. The receiver then has the option to put this received PiCoMap data into a new map or into the current working map.

IR Printing

In order to use the IR printing feature in PiCoMap, your handheld will need to have a specific print driver called Palm Print ©. This software can be downloaded at:

<http://www.stevenscreek.com/pilot/dodownload.html>

Once you have this driver on your palm, you can print your PiCoMap by holding your palm up to the IR port on any IR capable and PostScript enabled printer and press the IR print button in the command menu.

Additional Support

Additional support and user information can be found at <http://hi-ce.org/palm>

To report any error messages or to create bug reports visit <http://hi-ce.org/palm>

If you have any questions or concerns please contact: hice.picomap@umich.edu

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