

KidPad 0.9 User's Guide

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Main changes since KidPad 0.8

- More feedback on deletion in bulletin board.
- Loading a new story automatically saves the current story, if modified.
- Option to exit KidPad added to bulletin board.
- Clone tool now copies tools and objects
- New Background tool to make it easier to make hyperlinks to and from a region.
- New X-ray tool allows you to see some objects only through X-ray windows.
- New grouping tool allows you to group objects and have them act as one.
- New zooming tools allow you to zoom in and zoom out of your drawing.
- New online help tool allows you to find out what other tools do.
- Improved eraser knows when it's erasing over line segments as opposed to just erasing points (this helps when erasing over zoomed-in lines)
- Visual indicators mark the sources of links when the hand tool is picked up. This feature may be toggled on/off by pressing Ctrl-H when the hand is not being held.
- Added utility to convert older KidPad text files (saved while pressing the shift key) to be KidPad 0.9 compatible.

Installation

This section describes how to install KidPad on your computer. It assumes that you have at least 30 megabytes free disk space on your hard drive.

KidPad 0.9 runs on Windows 98 and Windows NT 4.0 or higher.

If you have a KidPad CD-ROM, insert the CD and it will automatically start the installation. If for some reason it doesn't, you can run the 'setup' program on the CD.

Otherwise, you can download KidPad by typing in the following address into your web browser, and then running the program that gets downloaded:

<http://www.kidpad.org/download/KidPad-0.9-setup.exe>

Then, double-click on KidPad-0.9-setup.exe and an installation Wizard will take you through the steps of installing KidPad.

Unlike some previous versions of KidPad, this version will automatically install Java if necessary. You do not need to do anything outside of the installation program.

Using KidPad 0.9

Starting KidPad

To run KidPad, select the KidPad shortcut from the “Start/Program Files” menu or go to the folder you installed it in and double click on “kidpad”.

Closing KidPad

You can close KidPad it by using one of these methods:

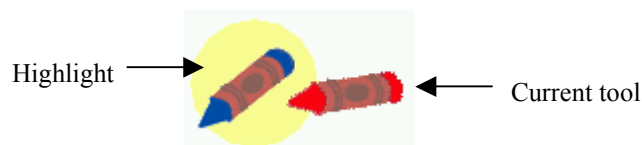
- Go to the Bulletin Board and click on the “x” on the top right corner.
- Hold the `Ctrl` key and press `Q`.
- Hold the `Alt` key and press `F4`.

Toolboxes

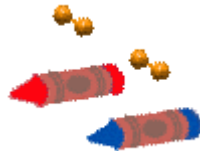
In KidPad, tools are organised in toolboxes and each tool belongs to a toolbox. There are three toolboxes. The toolboxes can be toggled on and off by holding the `Ctrl` key and then pressing one of the 1, 2 or 3 keys. If you click on a toolbox, the toolbox will open or close, depending on its current state. When a toolbox is opened, its tools are moved out onto the drawing surface. When a toolbox is closed, its tools are hidden inside.

Tools

Each mouse “holds” a tool. To pick up a new tool, move the current tool so that the tool you want to pick up becomes highlighted, then click. (The left and right mouse buttons work exactly the same way in KidPad so that it doesn't matter if you're left-handed or right-handed.)



Some tools are also “collaborative”. This means that they can be combined in different ways to produce additional functionality. The idea is that you can get added benefit from collaboration. Only tools of the same type can be collaborative. For example, crayons only combine with other crayons, not with other tools. When two tools are activated close to each other at the same time, the collaborative function replaces the standard functionality of the tools. Two small orange balls appear next to the tools to indicate that an opportunity for collaboration exists.



It is also possible to “trade” tools with other users. If you select a tool that someone else is holding, the tools are swapped.

Crayons



Crayons are used to draw lines. In the collaborative mode, a thick line will be drawn between the two crayons. The colour of this thick line will be the colour you get when blending the colours from the two participating crayons.

Hand



The hand has three functions: to pan the picture, to follow hyperlinks and to move X-ray windows. When holding the hand, press and hold the mouse button and move the mouse to pan the picture. In collaborative mode, the hands will zoom out when they are moved together and zoom in when they are moved apart. A grey arrow appears to indicate that the hand is over a start point of a link. Click the mouse button to follow the link. If the hand is over an X-ray window handle, you may hold down the mouse button and move it in order to move the X-ray window.

Eraser



The eraser removes parts of shapes and whole text entries. There is no collaborative mode for the eraser.

Magic wand



The magic wand draws hyperlinks. Each hyperlink requires a start point and an end point to be complete. To draw the link, move the wand onto a shape or a text entry (a magenta box will appear around it) and

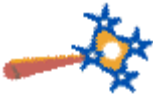
press the mouse button to select it as start point. Repeat for the end point. This creates a green arrow from the start point to the end point. You can now use the hand tool to follow the hyperlink. There is no collaborative mode for the magic wand.

Turn alive tool



The turn-alive tool turns shapes alive. In collaborative mode, the distance between the turn alive tools controls how much alive the line should be. The greater the distance, the more lively the line becomes.

Clone tool



The clone tool creates copies of tools and objects. The copies of tools have exactly the same functionality as the originals. The bulletin board, the text tool and the clone tool cannot be copied. There is no tool to delete copied tools. Instead, when a toolbox is closed, all copied tools belonging to that toolbox are deleted. There is no collaborative mode for the clone tool.

Zoom-in tool



The zoom-in tool zooms you into your drawing.

Zoom-out tool



The zoom-out tool zooms you out of your drawing

Text tool



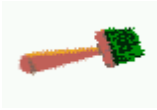
The text tool draws text characters. Click the mouse button to choose a start point for the text. A magenta box will appear. You can now type characters on the keyboard to add text, just as in any word processor. The red vertical line is the text cursor. It can be moved with the cursor keys on the keyboard.

Selection tool



The selection tool is used to select and move objects from one place to another. You can move individual objects or several objects at once. To move one object, move the selection tool onto it. Then press and hold the mouse button. Move the mouse to move the object and release the mouse button to drop it. To move several objects at once, move the tool away from the objects, then press and hold the left mouse button. Move the mouse button to draw a black box. Magenta boxes will appear around all the objects that are contained within the black box. Release the mouse button when all the objects you want to move are inside the black box. To move the objects, put the tool into one of the magenta boxes, then press and hold the mouse button and drag. In collaboration mode, the selection tools stretch the selected shapes. Text entries are not stretched.

Filler



The filler is used to fill line shapes with colour. To fill a shape, click on it with the mouse button. If you click on a filled shape, it will turn back into a line shape. Note that the filler only fills shapes – if you click on an empty area, nothing will happen.

Puller



The puller tool is used for pulling lines. To start pulling, click and hold the mouse button. Then move the mouse. Release the mouse button to drop the line.

X-Ray tool



The x-ray tool makes x-ray windows. If you draw inside an x-ray window you will only be able to see that drawing through that x-ray window. Move x-ray windows by moving their handles with the hand or the selection tool.

Grouping tool



The grouping tool makes pieces of a drawing act as one. Drag the grouping tool over the pieces of a drawing, let go of the mouse button, then click on one of the pieces to make them act as one. To ungroup, just click on one of the members of the group with the grouping tool.

Help tool



Moving the help tool over another tool plays an audio file describing the functionality of the other tool. The help tool may be removed by clicking on the icon representing it in the Bulletin Board.

Background tool



The background tool creates a background that fills the scene you currently see. You can link to and from the background with the magic wand.

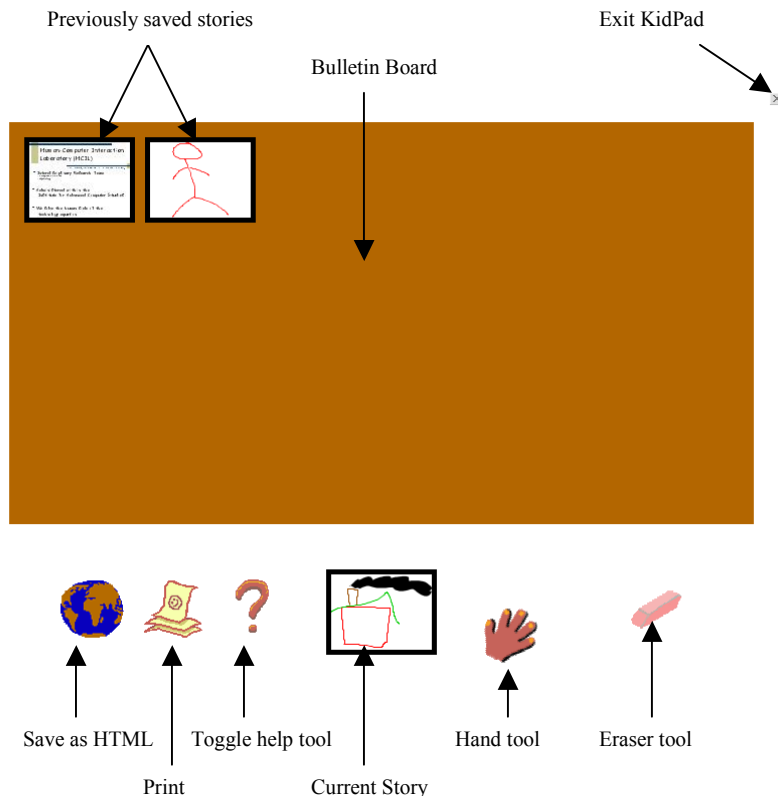
Bulletin board



The bulletin board tool opens up the bulletin board where stories can be saved and loaded. There are two tools in the bulletin board that can be picked up and dropped in the same way as the other KidPad tools. The hand is used to make selections and the eraser is used to erase things. All previously saved stories are shown on the brown bulletin board area as thumbnails (small pictures). At the bottom center of the screen, the current story can be seen. To go back to the current story, click on it with the hand tool. To delete the current story (and get a clear screen), click on it with the eraser tool. To load a story from the bulletin board, click on it with the hand tool. To erase a previously saved story, click on it with the eraser. To save the current story, click on the bulletin board with the hand tool. Normally, stories are saved in a storage-efficient format. However, stories saved in that format will not load in future versions of KidPad. If you want to save the current story in text (version safe) format, hold the Shift key when clicking on the brown thumbnail area. The eraser can be toggled on and off by holding **Ctrl** and pressing **E**. To save the current story as HTML, click on the Earth icon with the hand tool. HTML stories are kept in the folder

Folder where kidpad is installed\html-files

To print the current story, click on the paper stack with the hand tool. To exit KidPad, click on the “x” on the top right of the screen. To turn on or off the help tool, click on the question-mark icon. The bulletin board has no collaborative mode.



Zooming and panning

You may also pan and zoom with the keyboard. To zoom out to display the entire picture, press the `Home` key. To zoom in at the place where the cursor is, press `Page Up`. To zoom out at the place where the cursor is, press `Page Down`. To pan the image, use the cursor keys. Note that you shouldn't press and hold the keys – since KidPad is slow, it won't have time to process all the zoom and pan commands, which means that the panning or zooming won't stop immediately when you release the key.

Sometimes, you may want to zoom to a specific area of the image or to a specific level of detail. One way to do this is to “pre-program” views. When you've zoomed and panned to a specific view, hold the `Shift` key and press one of the twelve function keys at the top of the keyboard (`F1` through `F12`). To get back to that view at a later time, press the function key again (without holding `Shift`). To remove the association between a view and a function key, hold `Ctrl` and press the function key.

It is also possible to “re-program” the `Home` key. By default, the `Home` key displays all objects, but if you hold `Shift` and then press `Home`, the `Home` key will now bring you back to the current view. To restore the default behaviour, hold `Ctrl` and press `Home`.

Logging

When KidPad is exited, two log files containing user actions are saved in the folder

Folder where kidpad is installed\log-files

The files are named according to the date and time KidPad was exited. The file with the `.txt` extension can be imported in *Microsoft Excel*. The file with the `.ltd` extension can be viewed in *Lifelines*, a HCIL product. KidPad never connects to the Internet nor does it attempt to send or copy these log files in any way to any other computer.

KidPad key summary

Key	Function
Home	Center all objects or go to a pre-defined view.
Shift + Home	Set the pre-defined view for the Home key.
Ctrl + Home	Reset the Home key so that it centers all objects.
F1 through F12	Go to a pre-defined view.
Shift + F1 through F12	Set the pre-defined view for a function key.
Ctrl + F1 through F12	Remove the association between a function key and a view.
Page Up	Zoom in.
Page Dn	Zoom out.
Cursor key left	Move image to the left.
Cursor key right	Move image to the right.
Cursor key up	Move image up.
Cursor key down	Move image down.
Ctrl + q	Quit KidPad.
Ctrl + 1	Toggle first toolbox.
Ctrl + 2	Toggle second toolbox.
Ctrl + 3	Toggle third toolbox.
Ctrl + e	Toggle bulletin board eraser.
Ctrl + c	Clear the screen and start a new story.
Ctrl + f	Bring the selected items in front of other items
Ctrl + b	Push the selected items below other items
Ctrl + z	Make the selected items a little bigger
Ctrl + x	Make the selected items a little smaller
Ctrl + j	Import an image into KidPad (do not use when multiple mice are active). Previously to importing, put images in a parallel directory to the KidPad directory. A saved KidPad story only keeps references to the relative paths (locations) of image files.
Ctrl + h	Toggle showing hints of where hyperlinks are when hand is picked up. The new setting becomes effective the next time the hand is picked up.
Delete	Delete the selected items

KidPad Conversion Tool

KidPad text files saved in versions 0.8 and earlier are not compatible with version 0.9. In order to open these old KidPad text files in version 0.9, you need to convert them using the KidPad conversion tool. This tool will copy a converted version of old KidPad text files into a directory of your choice. The originals will not be modified.

Before running this tool, run the previous version of KidPad you want to convert stories from and save all the stories of interest in text format. You can do this by pressing the Shift key as you click the mouse button when you save a story.

The KidPad conversion tool may be started from the kidpad directory by running the fileconverter.jar file. Once the application starts, you need to specify the location of the saved-files directory under the version of KidPad you want to convert stories from. Do this by clicking on the “Select” button on the top part of the screen and select the appropriate directory in the dialogue that pops up. You should then click on the other “Select” button to specify the location of the KidPad 0.9 saved-files directory (make sure it’s different from the previous version’s saved-files directory).

Once both directories are specified, click on the “Proceed with conversion” button. When you see a message saying “All files processed, ? out of ? converted” at the bottom, then you’ll know the conversion is done. The numbers in the message will tell you how many files were converted.

