

Jixxa

The Duke Nukem 3D Edition CD-ROM

Version 1.2

**Rhode Island Soft Systems, Inc.
P.O. Box 748
Woonsocket, RI 02895 USA**

**Phone: 401-767-3106
Fax: 401-767-3108**

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Introduction

Welcome to Jixxa, the virtual jigsaw puzzle for your computer on CD-ROM. The Jixxa software was developed by Rhode Island Soft Systems, Inc., developers of other fine Windows products. This document will introduce Jixxa and detail its many features and options. Please refer to the final pages of this document for information on ordering the additional versions of Jixxa with more fabulous jigsaw puzzles.

Jixxa is a truly realistic jigsaw puzzle with a few improvements over conventional puzzles. You begin a puzzle with pieces scattered randomly about the screen. Grab a piece using the mouse and drag it around. Drop the piece next to another and see if they lock. Once locked, the pieces become a single unit that can also be dragged!

Unlike other computer puzzles, Jixxa has real jigsaw shaped pieces that can be moved freely. Pieces lock only with other pieces, not to some imaginary location on the screen. Jixxa puzzles use high quality interesting images that are not limited to any particular size.

Jixxa comes with a box so you can organize your pieces. In fact, you can even create up to 9 boxes! Name your boxes (Edges, Green Pieces, etc.) and sort the pieces accordingly. You can resize, move, hide and show the boxes to customize your work area to fit your needs.

In addition to the boxes, you can also pickup pieces. When you pickup pieces, they disappear from the screen and float around in your virtual hand! Hold on to them for a while and perform other functions, drop one at a time or drop them all. Drop them on the screen or drop them in a box.

Ask Jixxa for a hint or solution. Hint allows you to click on a piece to find a match. Jixxa can also solve the puzzle for you, at an adjustable speed so you can watch it happen and stop it at any time!

Don't worry if you can't finish the puzzle in one sitting. Jixxa allows you to save your puzzle and load it later - right where you left off. All of your options and boxes remain in tact!

Jixxa puzzles are available in different piece sizes as well as image sizes to satisfy the novice, intermediate and expert puzzlers. Still not tough enough? Jixxa also has options to rotate pieces and lock pieces that don't match! Pieces can be rotated in 4 directions. You won't know which way is up! Many pieces have similar sides - Jixxa will lock non-matching pieces for you if you want a real challenge.

Loading a Puzzle

To load a new or a previously saved puzzle, select **Load** from the **File** menu and follow the prompts. New and saved puzzles are stored as different file types. When you are prompted to select a file, you can change the listed file type between new, saved or both.

To make loading easier, Jixxa remembers the last puzzle you worked on and prompts you with the file name already typed.

Saving a Puzzle

To save a puzzle, select **Save** or **Save As** from the **File** menu and follow the prompts. If you have already saved a puzzle, the **Save** option will not prompt you for a new file name. Note that file names are limited to 8 characters.

How to Use Jixxa

Jixxa is a realistic jigsaw puzzle. When you start a new puzzle, the pieces will be scattered about the screen. You can click on pieces using the mouse and drag them around the screen. You can also pickup pieces, sort them into boxes and even ask for a hint or have the puzzle solved for you.

Jixxa is controlled primarily with combinations between the keyboard and mouse. The cursor will change automatically to assist you in determining the various functions that can be performed. There is also a description of each function on the status bar at the bottom of the screen. These are the cursors you will see in Jixxa:

Hand	This cursor is used to grab pieces.
Up Arrow	This cursor is used to pickup pieces.
Down Arrow	This cursor is used to send pieces to the bottom.
Question Mark	This cursor is used to get a hint. Click on a piece to see where it goes.
Hammer	This cursor is used to nail pieces down. A piece that is nailed down cannot be dragged. If a piece is already nailed down, the hammer turns upside down (Claw) to indicate that the piece can be released.
Claw	This cursor is the upside down hammer. It is used to release pieces that are nailed down.
No!	This cursor indicates that a function cannot

Double Arrows

be performed at the cursor location.

These cursors appear when a box can be sized or moved.

The left mouse button is used to grab a piece. When a piece is grabbed, it will lift off the screen slightly and a shadow will appear under it. While holding the left mouse button, you can drag the piece around the screen by moving the mouse. When you release the left mouse button, the piece will be dropped. If the piece is in the vicinity of a matching piece, the two pieces will be locked. Locked pieces become a single unit and can be dragged as a single piece.

Note: A snapping sound is played whenever two pieces lock. To hear this sound, the Sound option on the Options menu must be checked and your system must have a sound driver installed.

If you click the left mouse button while the cursor is not over a piece, a lasso will appear. The lasso is used to pickup single pieces. While holding the left mouse button, move the mouse to drag the lasso around the pieces you wish to pickup. Any pieces that are within the boundaries of the lasso will be picked up. Note that if the lasso is started on the screen then only pieces on the screen will be picked up, and if the lasso started in a box then only pieces in that box will be picked up. The status bar at the bottom of the screen will show how many pieces you are holding. Any number of pieces can be picked up.

The Shift key in combination with the left mouse button is used to pickup individual pieces. Simply click on the piece you wish to pickup. Whenever the Shift key is depressed, the cursor will change to an up arrow to indicate that pieces can be picked up. Note that if the cursor is over a box but not over a piece, the cursor will change to a crossed arrow indicating that the box may be moved.

Note: Only single pieces can be picked up. Once two or more pieces have been locked, they cannot be picked up.

The right mouse button is used to drop pieces. Clicking the right mouse button drops all held pieces and scatters them randomly in the vicinity of the cursor. If you hold the Shift key and press the right mouse button, one piece will be dropped underneath the cursor.

The Control key in combination with the left mouse button is used to send pieces to the bottom (that is, push a piece underneath all other pieces). Whenever the Control key is depressed, the cursor will change to a down arrow to indicate that pieces can be sent to the bottom. Note that single pieces cannot be sent under assembled pieces.

The display can be scrolled by clicking on the scroll bars or by using the arrow, Page Up, Page Down, Home and End keys. The display will also scroll automatically if the left mouse button is held and the cursor is moved to the edges of the display.

Boxes can be resized, moved and hidden. When a box is visible, you can drag pieces in and out of it, or pickup pieces and drop them in or out of the box. Refer the **Menu**

Commands section below for information on box options.

Note: Only single pieces can be in a box. Pieces cannot be assembled in a box.

You can interrupt the puzzle for a full screen view of the picture. The picture can also be seen in a floating box top. The floating picture can be resized, moved and hidden. The picture is always on top of everything else. Refer the **Menu Commands** section below for information on picture options.

Menu Commands

File Menu

Load Puzzle. Select this option to load a puzzle. Refer to the earlier section on **Loading a Puzzle** for more information.

Save Puzzle. Select this option to save a puzzle. Refer to the earlier section on **Saving a Puzzle** for more information.

Save Puzzle As. Select this option to save a puzzle in a new file. Refer to the earlier section on **Saving a Puzzle** for more information.

Close Puzzle. Select this option to close the current puzzle.

Exit. Select this option to exit Jixxa.

Options Menu

Fast Drag. This option speeds up the animation when dragging several locked pieces. When dragging larger pieces with this option on, only the piece under the cursor is shown and a rectangle shows the approximate size of the entire block. Otherwise the entire block of pieces is animated.

Scroll Bars. This option turns the scroll bars on and off. Note that the arrow, Page Up, Page Down, Home and End keys can be used to scroll the screen.

Status Bar. This option turns the status bar on and off. The status bar provides information on the various functions that can be performed.

Sound. This option turns the sound on and off. A sound is heard whenever two pieces are locked.

Music. This option turns background music on and off. A directory containing musical MIDI files should be selected by using the "Choose Music" option described below.

Note: The music option will only work if you have a sound card capable of playing MIDI music files.

Choose Music. This option allows you to select a directory containing MIDI music files (files with .MID extensions). These files can be played as background music while playing Jixxa! Using this "Choose Music" option to select a directory. All of

the files in the directory will be played in a looping fashion. Jixxa remembers the last song it played, so that whenever you turn on the music option (or start up Jixxa) it will start with the next song, so that you don't have to listen to the same all of the time. The README file contains additional information on using MIDI background music.

Save Box Locations. This option determines where existing boxes appear when they are shown (made visible). If this option is checked, boxes are shown in their previous location. Otherwise boxes are shown at the default location. Note that after scrolling the screen with this option checked, a box can be shown but may not be visible because it is scrolled out of view. This option applies to the floating picture as well.

Scroll to Origin. This option centers the display.

Nail/Unnail. This option allows you to nail a piece to the screen. When a piece is nailed down, it cannot be grabbed or dragged. This feature is useful when large parts of the puzzle are assembled and you don't want to accidentally drag them. When this option is selected, the cursor will change to a hammer. Click on any piece that is not in a box to nail it to the screen. If the cursor passes over a piece that is already nailed down, the hammer will change to the claw to indicate that you can release the piece. This mode ends when a piece is selected. Press Escape to cancel the nail down mode.

Unnail All. This option releases all pieces that are nailed down.

Show Timer. This option toggles display of the timer. The timer is always running when a puzzle is open. Select this option to make the timer visible.

Pause. This option pauses the timer. A dialog box will prompt to you restart the timer when you are ready.

Hint. The Hint allows you to find a match for a piece. When this option is selected, the cursor will change to a question mark. Click the left mouse button on any piece and Jixxa will find a match, drag the pieces together and lock them. Hint mode ends when a piece is selected. Press Escape to cancel hint mode. Note that you cannot get a hint for a piece that is completely surrounded.

Auto Solve. This option begins auto solve mode. Jixxa will automatically assemble the puzzle for you. When auto solve mode is entered, a small control appears at the upper right corner of the screen. This control allows you to adjust the speed or stop auto solve. Note that functionality is limited during auto solve mode.

Difficulty Menu

Lock Non-Matching Pieces. This option permits the locking of any two pieces as long as their sides match. Watch out because there can be many wrong combinations. Use the Control right mouse button combination to unlock a piece and drag it away.

Rotating Pieces. By default, all pieces appear right side up. This option will randomly orient pieces in one of four directions. To rotate a piece, grab it and, while holding the left mouse button, press the space bar. Each time the space bar is pressed, the piece will turn 90 degrees clockwise.

Boxes Menu

Create Box. Select this option to create a new box. Up to 9 boxes can be created. You will be prompted to name your box.

Destroy Box. Select this option to destroy a box. You will be prompted to select a box from the list of all boxes. Note that there will always be at least one box. When a box is destroyed, its contents are dumped on the screen.

Rename Box. Select this option to change the title of a box. If more than one box exists, you will be prompted to select the box.

Show All. Select this option to show all boxes.

Hide All. Select this option to hide all boxes.

Destroy All. Select this option to destroy all boxes. Note that there will always be at least one box. When all boxes are destroyed, the first one remains.

Dump Box. Select this option to dump the contents of a box. If more than one box exists, you will be prompted to select the box. Note that when a box is dumped, the pieces are scattered randomly over the entire screen. In contrast, picking up and dropping pieces scatters them in a closer proximity to the cursor.

Fill Box. This option picks up all single pieces and places them in a box. If more than one box exists, you will be prompted to select the box.

Default Box. This option and the ones below it list the boxes that exist. Whenever a new box is created, its name is appended to the Box menu. If a box is visible, there will be a check mark on the menu next to it. Select a box to toggle it on or off. Note that the Control key in combination with the box number can also be used to toggle a box.

Picture Menu

Show Picture. This option toggles the display of the picture. The floating picture can be resized and dragged around the screen.

Full Screen. This option shows a full screen view of the picture. Press any key or mouse button to end this mode.

HOW TO CONTACT RHODE ISLAND SOFT SYSETMS, INC.

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ORDERS

Toll Free: 1-800-959-7477

U.S. MAIL

Rhode Island Soft Systems, Inc.
PO Box 748
Woonsocket, RI 02895-0784
USA

QUESTIONS / SUPPORT

Voice: (401) 767-3376
Fax: (401) 767-3108

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Internet: <http://www.risoftsystems.com>

CONNECTIONS BBS

If you have an questions or comments you may contact Rhode Island Soft Systems, Inc. on its 24-hour customer support BBS. CONNECTIONS BBS always contains the latest information on Jixxa, which can be downloaded even by first time callers. We hope to hear from you on CONNECTIONS!

CONNECTIONS BBS Supports up to 14.4 kbps with V.32 / V.32bis / V.42 / MNP optional. Use No parity, 8 data bits, 1 stop bit (commonly referred to as N,8,1). The phone number is (401) 767-3931.

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We look forward to seeing you on-line!

JIXXA WARRANTY INFORMATION

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