Documentation for Cyberspace Crossword Puzzle
and Cyberspace Cruiser
Version 1.08 July 6, 1992
Freeware from Ivory Tower Software

Installation
Just copy the 3dxwd.exe file to your hard disk. You can install a program manager icon in the usual manner. The run-time dynamic link library, vbrun100.dll, (not included in the zip file) must be in your path. Vbrun100.dll (vbrun.zip) is available from CIS WINADV forum. Send a message to "sysop" if you can't find it.

Features
A 3d crossword puzzle is difficult to do on paper. This new game type is made possible by the CyberSpace Cruiser engine which lets a user maneuver through 3d space to see all sides of the puzzle structure. Simply click on a cell and key in a letter. Clues are shown (as applicable) in the text box in the lower right corner of the window. The first level is easy. Higher levels get harder and more dangerous.

An "about face" button lets you turn around to look behind you. If you double click on an object, the viewport pans to move the object to the center of the viewport. Use the "fine increments" buttons to step one point at a time for data storage and retrieval.

Cyberspace property owners have special data storage and retrieval privileges. There are two modes of data operations: "Clipboard Buffers" mode and "Permanent" mode. The MS Windows Clipboard utility is very useful for transferring information within and among applications, but it is limited in that copying new information to the Clipboard destroys the existing contents. The "Clipboard Buffers" mode for cyberspace property owners provides eight Clipboard buffers for text and bitmap data.

As an example of the use of this capability, suppose you are editing a document and there are three paragraphs you wish to duplicate over and over again. First run Cyberspace Cruiser and jump to your property. This enables the "Clipboard Buffers" data mode. Then click on the title bar of your word processing window to activate it. Next, you would highlight the first paragraph, and do <crtl> + <insert> to copy it to the Clipboard. Then click on the title bar of Cyberspace Cruiser and do <crtl> + F1 to copy the Clipboard text to the first buffer. Then click on the title bar of the word processor and repeat the process to place data in the second buffer, and again to place data in the third buffer. Now you can cruise down through your document and paste any of the three paragraphs wherever you want. Just put the curser in the document location for pasting. Then click on the Cyberspace Cruiser title bar and do <shift> + Fn to paste the desired buffer data into the Clipboard. Then click on the word processor title bar and do <shift> + <insert> to paste the text into the document. Repeat this process as desired for up to eight buffers, represented by the keys F1 through F8.

For permanent data storage and retrieval, property owners can click off the "Clip buffers" check box. Each of the billion points in a standard personal volume can store up to 32

kilobytes of text data.

To store data at a point, first travel to the point where you want the data permanently stored. Next, put the text data to be stored in the text window above the view port by either pasting it from the Clipboard or by typing it in from the keyboard. Then select the "Action, Store data, Permanent" menu item.

To retrieve data from a point, first travel to the point where the data is stored. Then select the "Action, Retrieve data, Permanent" menu item. This will place the retrieved text in the text window above the view port. To put this text into the Windows Clipboard, put the curser at the beginning of the text, do <crtl> + <shift> + <end> to select all the text, and select the "Edit, Copy" menu item.

Upgrade History
The upgrade from version 1.01 to 1.02 removes the restriction on the distance you can travel in cyberspace. An "about face" button lets you turn around to look behind you. If you double click on an object, the viewport pans to move the object to the center of the viewport. Users can key in relative or absolute coordinates for instant cyberspace jumps.

Version 1.03 fixes some bugs and improves performance. There are also some new structures in cyberspace.

Version 1.04 adds a new level of difficulty (level 2). There has been significant recoding to improve peformance and to make more efficient use of memory.

Version 1.05 fixes some very minor bugs and makes further improvements in performance and memory use.

Version 1.06 fixes more minor bugs and makes further improvements in performance.

Version 1.07 fixes a loophole in the flatlined state.

Version 1.08 adds some new property owners to cyberspace and fixes a minor flatline bug.

On-line Help
The help topics give more detail on using CyberSpace Cruiser and playing Cyberspace Crossword. The text window above the cyberspace viewport also provides instructions for some features. If you get flatlined there is no help for you. You'll have to exit and start over.

Cyberspace Crossword is Free
There is no charge for using this program. If you have suggestions for improving this software, or if you have found a bug, please let us know. You can contact Ivory Tower Software through CIS mail (76427,2611). Periodic upgrades will be posted to CIS WinAdv "new uploads" on a regular basis.

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