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Zapf Dingbats

See

Ornament and Dingbat Fonts

Zeddas: Servant of Sheol

See

Adventure Games

Zimmerman, Scott “Zz,”

See

Dogcow

Zip Drive

Iomega Corporation is a publicly held removable storage manufacturer based in Utah with offices in several European countries and distributors in Australia, Japan and South-East Asia. It was formed in 1982 by 15 ex-IBM engineers who were the core of a project aimed to create a mass storage system that took advantage of the **Bernoulli Effect**. The project was canceled by IBM, a decision which led directly to the engineers leaving the

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computer giant to form Iomega.

In 1984, Iomega released a 5MB **Bernoulli** drive, which connected to the original Macintosh computer's serial port and has been a Macintosh storage vendor ever since.

Nonetheless, and although Bernoulli drives were and are popular amongst PC-compatible users, Iomega never captured an equivalent share of the Macintosh market. Despite the apparent technical superiority of the Bernoulli cartridge, the emerging desktop publishing industry and by extension the Macintosh industry, opted overwhelmingly for **SyQuest** drives and cartridges from SyQuest Corporation.

In March 1995, after ten years playing second fiddle to SyQuest, Iomega released the Zip drive, a slow, 100MB removable drive that was cheap and very easy to use. It almost instantly transformed the company into the front runner in the Macintosh removable mass storage arena.

In December 1995, the first Jaz drives, another incompatible-with-the-past drive system using 1GB cartridges, appeared in **RAID** arrays from **OEMs**. Stand-alone Jaz drives for both internal and external use appeared in the first months of 1996.

Iomega also produces a tape back-up system known as Ditto, which is only available for PC-compatible computers and used to manufacture **Floptical** drives.

These latter, despite being backwards compatible with the 1.44MB floppy disk,

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were an unsuccessful attempt to establish a new entry-level removable storage standard based around a hybrid of magnetic and optical technology.

See Also

Backing Up with Removable Cartridge Drives

ZMODEM

See

File Transfer Protocols, Modem Transfer Protocols

ZoneRanger

A memory monitoring and debugging tool from Metrowerks, ZoneRanger enables you to view graphically the full contents of an application's memory **heap** (see following figure). Most low-level debuggers can display this information in a textual format, but the graphical view makes it much easier to see exactly what's going on in memory. Each block of memory in the heap is color-coded to identify whether it is a **handle**, a **pointer**, or free memory. It can further classify handles by whether they are locked, purgeable, or contain **resource** data.

The graphical display of ZoneRanger also can show a summary of all blocks in the heap, including the total number and amount of memory occupied by each type of block. Both the graphical and summary displays are updated as

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your program runs.

The summary display can be augmented by ZoneRanger's **memory leak** detection feature. When this feature is activated, ZoneRanger keeps track of any blocks of memory that are allocated, but not released. These blocks might represent memory leaks in the application.

ZoneRanger also can display the actual contents of any block of memory (in **ASCII** and **hexadecimal** formats), as well as a number of other details about the block, such as its size, attributes, and, in the case of resources, resource type and ID.

ZoneRanger is distributed as a part of Metrowerks' **CodeWarrior** , but Metrowerks also has made it available for free.

See Also

ASCII; CodeWarrior; Handle; Heap; Hexadecimal; Memory Leak; Pointer; Resource

Zoom Box

Clicking a window's zoom box, (found in the **title bar** on the far right side, see the following figure) resizes the box so that all the contents of the window can be seen at once (if possible, based on the size of your **monitor**). If the window is already zoomed out, the box will minimize the screen when clicked.

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If you were to make a window very small, for example, using the **size box** , you could immediately zoom back to a size displaying as many items as possible by clicking the zoom box. Before **System 7** , clicking the zoom box merely opened the window as large as possible based on the size of your monitor. But in System 7 this feature is smarter and only opens enough to display as many items in the window as your monitor allows. If four items are in a window, it zooms open to display all four items.

To expand a window using the zoom box to see all items, follow these steps:

1. Open, or make active, the window you want to view.
2. Click the zoom box, located in the upper right corner of the title bar.
3. The window opens to display as much of the contents of the window as possible, based on the size of your monitor.

See Also

Active Window; Click; Monitor Size Box; System 7; Title Bar; Windows

Zoop

This **puzzle game** from Viacom New Media takes a different spin on **Tetris** and **BreakThru** to offer one of the best new brain teasers for the Macintosh. Players defend a center square from multicolored shapes that attack from all sides.

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Your firing tool needs to be the same color as the shapes you shoot to make them disappear, much like in higher levels of *Diamonds 3D* from MacSoft. *Zoop* is just as addictive as the best of the puzzle games available and offers a refreshing twist to the colored blocks of the myriad Tetris clones. For beginners, levels are adjustable and enable you to choose which level of difficulty on which you want to start.

See Also

BreakThru; Puzzle Games; Troubled Souls; Tetris Gold

Zootopia

Interactive CD-ROM for kids aged 8 and up, combining cartoons and **QuickTime** movies of some real animals, along with information about the animals habits, diet, size, and so on. Throughout the zoo are information kiosks that give the details of a particular animal, sometimes including music videos, such as the poetry-quoting Raven who turns an old chestnut into the Nevermore Rap, and the trumpet-playing Trumpeter Swan with his back-up orchestra and night club act.

The music is catchy, and the song lyrics actually contain a few facts. Facts are somewhat sparse in this program, though. Travel between kiosks may require clicking several screens of scenery with no animals. The slow pace may frustrate some kids and adults. The animal I visited most was the tiger holding a sign that said "Slow Down, Click Once". The opening sequence,

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which features a helicopter crashing, is unnecessarily scary and seems unrelated to the program. You can, and should, click past it.

See Also

CD-ROM; QuickTime

Zork

See

Return to Zork

ZUC Virus

This virus infects only applications, and applications do not have to be run to become infected. On March 2, 1990 or two weeks after an infected application is run, the cursor begins to act strangely when the mouse button is held down.

See Also

ANTI Virus; CDEF Virus; CODE 1 Virus; CODE 352 Virus; Frankie Virus; INIT 17 Virus; INIT 1984 Virus; INIT 29 Virus; INIT 9403 Virus; INIT-M Virus; MacMag Virus; MBDF Virus; MDEF Virus; nVIR Virus; Scores Virus; T4 Virus; WDEF Virus; ZUC Virus