

The screenshot shows a Microsoft Internet Explorer browser window. The title bar reads "my analog life: DNA computer sets Guinness record - Microsoft Internet Explorer". The address bar shows "http://www.nofi.org/archives/000709.html". The page content includes a navigation menu with "Computer Made from DNA and Enzymes", "Main", and "Daypop Top Word Bursts". There are sections for "archives" (listing months from February 2003 to February 2001) and "categories" (listing topics like audio, books, cinema, etc.). The main article is titled "dna computer sets guinness record" and discusses a microscopic biological computing device. A comment by "Shane" is visible at the bottom, along with a "Post a comment" form with fields for Name and Email Address. The status bar at the bottom indicates "(1 item remaining) Downloading picture http://www.nofi.org/cgi-bin/axs/ax.cgi?trans.gif&ref=http://www.wisdom.weizmann.ac.il/~k".

my analog life : the nofi/found.

« Computer Made from DNA and Enzymes | Main | Daypop Top Word Bursts »

archives

february 2003, january 2003, december 2002, november 2002, october 2002, september 2002, august 2002, july 2002, june 2002, may 2002, april 2002, march 2002, february 2002, january 2002, december 2001, october 2001, august 2001, july 2001, june 2001, may 2001, april 2001, march 2001, february 2001, beep.

categories

audio (61), books (21), cinema (36), connections (46), design (3), fiction (2), freedom (22), humor (32), ideas (75), nature (43), news (187), nutrition (6), tech (88), things i like (25), visual (29), beep.

February 25, 2003

dna computer sets guinness record

The latest entry in the Guinness Book of World Records for smallest biological computing device is a microscopic gadget composed of DNA and enzymes that not only reads DNA for data but uses it as fuel.

Israeli scientists reported Monday that just two spoonfuls could hold up to 30 million billion of such molecular computers, which could perform about 660 trillion operations per second -- nearly 20 times as many as Japan's Earth Simulator, the most powerful supercomputer now active.

"The long-term goal is to eventually create autonomous, programmable molecular computing devices that can operate in vivo, eventually inside the human body, and function as 'doctors in a cell,'" researcher Ehud Shapiro, a computer scientist at the Weizmann Institute of Science, told United Press International.

Link

25 Feb 03 12:09 | [TrackBack](#)

Comments

I don't think we're moving into a new stage of civilization just yet. We're still in the industrial age, probably more so than ever. When crazy stuff like tiny bio computers gets out of the lab and onto our desktops, streets, bloodstream - then we'll be there.

Posted by: **Shane** on February 25, 2003 01:17 PM

Post a comment

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