

StaticBeats > Electronic Music >	Digital Culture - Computer Made from DNA and Enzymes - Microsoft Internet Explorer	_ 8 ×
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Home FAQ FAQ Search Feedback Web Links Submit News BandWidth Meter Music Amazon Reviews World Radio Jungle Webcast Webcast Updates StatisEasts Webcast DJ Justes Archives Site Info Topics Archive Visior Analysis Article Archives Member Area SPChat Surveys Downloads Your Account Points System Private Messages	 "Once the input, software, and hardware molecules are mixed in a solution it operates to completion without intervention," said David Hawksett, the science judge at Guinness World Records. "If you want to present the output to the naked eye, human manipulation is needed." Don't Run to the PC Store Just Yet As of now, the DNA computer can only perform rudimentary functions, and it has no practical applications. "Our computer is programmable, but it's not universal," said Shapiro. "There are computing tasks it inherently can't do." The device can check whether a list of zeros and ones has an even number of ones. The computer cannot count how many ones are in a list, since it has a finite memory and the number of ones might exceed its memory size. Also, it can only answer yes or no to a question. It can't, for example, correct a misspelled word. In terms of speed and size, however, DNA computers surpass conventional computers. While scientists say silicon chips cannot be scaled down much further, the DNA molecule found in the nucleus of all cells can hold more information in a cubic centimeter than a trillion music CDs. A spoonful of Shapiro's "computer sourps conventional tasks to a PC. While a desktop PC is designed to perform one calculation very fast, DNA strands produce billions of potential answers simultaneously. This makes the DNA computer surples for normal processing tasks but have DNA co-processors that can take over specific tasks they would be more suitable for. Doctors in a Cell Perhaps most importantly, DNA computers may be able to work as 'doctors in a cell,' operating inside living cells and sensing anomalies in the host," said Shapiro. "Consulting their programmed medical knowledge, the computers could respond to anomalies by synthesizing and releasing drugs." DiA computing research is going so fast that its potential is still emerging. "This is an area of research that leaves the science fiction writers struggling t	Average Score: 0 Votes: 0 Please take a second and vote for this article: C #XXXX C #XXXXX C #XXXX C #XXXXX C #XXXXXX C #XXXXXX C #XXXXXX C #XXXXXX C #XXXXXXX C #XXXXXXXX C #XXXXXXXXXX
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