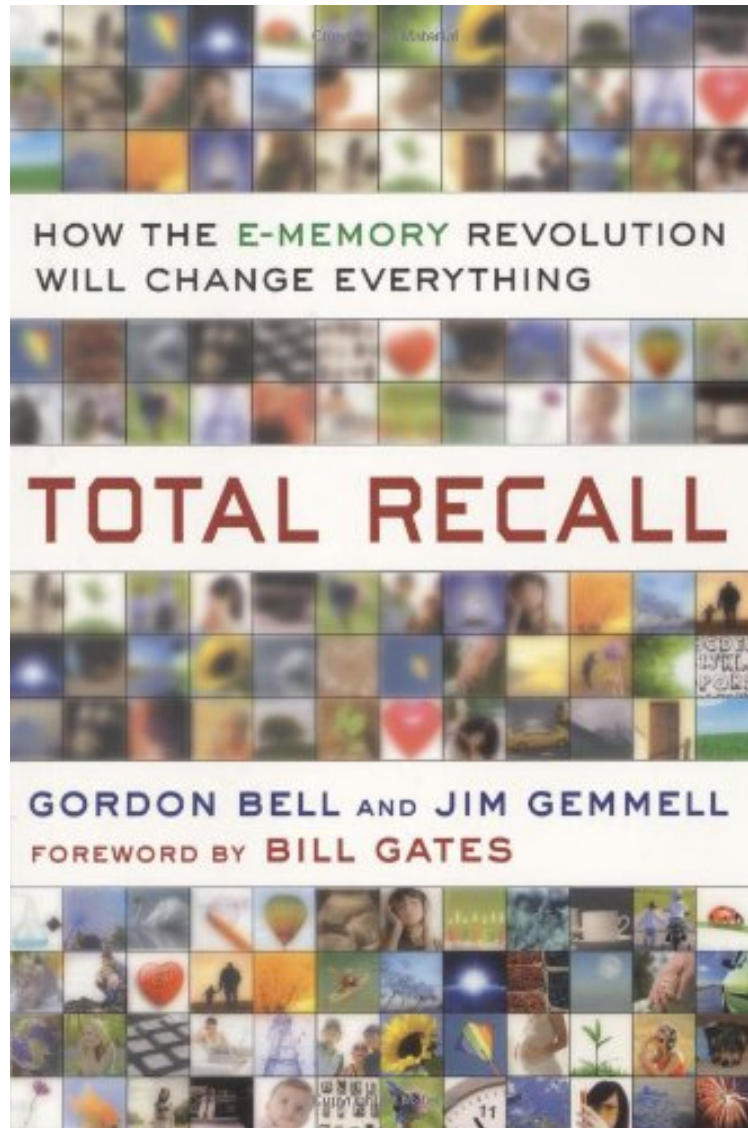


[Download pdf] Total Recall: How the E-Memory Revolution Will Change Everything

Total Recall: How the E-Memory Revolution Will Change Everything

Gordon Bell, Jim Gemmell

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Gordon Bell, Jim Gemmell : Total Recall: How the E-Memory Revolution Will Change Everything before purchasing it in order to gage whether or not it would be worth my time, and all praised Total Recall: How the E-Memory Revolution Will Change Everything:

11 of 11 people found the following review helpful. Great book, could change the way you workBy PacificNorthwestTechDadI read this book after seeing it advertised in Evernote (an app I use for tracking random bits

of info). It basically describes current trends in personal data storage and management, and then how that could change how you personally store and retrieve info in the future. The main premise is that data storage is cheap and getting cheaper every day, and retrieval technologies (indexing, etc) are getting good enough that with a bit of advanced prep you could store everything you ever see, and have it at your fingertips forever. This is a light read and is not a technical book. It is aimed at the masses, not the technorati. I'm a retired Microsoftie so probably not the target audience but I still found it interesting. And I have started scanning and then throwing away a lot more stuff after reading this book. 0 of 0 people found the following review helpful. Didn't find read inspiring or even educational. By Mike Maybe I read this book too late. I finished this book two years ago and realized I didn't give my input to . I felt like it explained the potential of a technology that already exists. I had some interest reading parts that seems like a journal of how all this tech came to be, but at those part the context became hard to understand. I thought it was worth at least 2 stars because I am very interested in the subject of easily storing and recovering memory. After reading this book I still haven't learn anything new that wasn't already learned from the tech we have currently out. That's why I got the book, for something new on the field. It left me very unsatisfied. 1 of 1 people found the following review helpful. Remember Everything.. How Cool Would That Be? By Warren Whitlock Every since I read "The Road Ahead" by Bill Gates I've been thinking about how the technology coming will record everything.. and how much that is akin to what we were taught in Sunday School about God knowing everything we did. Today, that's coming true. Not from angels writing it down in a books on high, but self reported GPS, tweets, posts and purchase records. "Total Recall" is a hand on look at just how close we are.. and why most of us will want to embrace this.

THE TOTAL RECALL REVOLUTION IS INEVITABLE. IT WILL CHANGE WHAT IT MEANS TO BE HUMAN. IT HAS ALREADY BEGUN. What if you could remember everything? Soon, if you choose, you will be able to conveniently and affordably record your whole life in minute detail. You would have Total Recall. Authors Gordon Bell and Jim Gemmell draw on experience from their MyLifeBits project at Microsoft Research to explain the benefits to come from an earth-shaking and inevitable increase in electronic memories. In 1998 they began using Bell, a luminary in the computer world, as a test case, attempting to digitally record as much of his life as possible. Photos, letters, and memorabilia were scanned. Everything he did on his computer was captured. He wore an automatic camera, an arm-strap that logged his bio-metrics, and began recording telephone calls. This experiment, and the system created to support it, put them at the center of a movement studying the creation and enjoyment of e-memories. Since then the three streams of technology feeding the Total Recall revolution-- digital recording, digital storage, and digital search, have become gushing torrents. We are capturing so much of our lives now, be it on the date--and location--stamped photos we take with our smart phones or in the continuous records we have of our emails, instant messages, and tweets--not to mention the GPS tracking of our movements many cars and smart phones do automatically. We are storing what we capture either out there in the "cloud" of services such as Facebook or on our very own increasingly massive and cheap hard drives. But the critical technology, and perhaps least understood, is our magical new ability to find the information we want in the mountain of data that is our past. And not just Google it, but data mine it so that, say, we can chart how much exercise we have been doing in the last four weeks in comparison with what we did four years ago. In health, education, work life, and our personal lives, the Total Recall revolution is going to change everything. As Bell and Gemmell show, it has already begun. Total Recall provides a glimpse of the near future. Imagine heart monitors woven into your clothes and tiny wearable audio and visual recorders automatically capturing what you see and hear. Imagine being able to summon up the e-memories of your great grandfather and his avatar giving you advice about whether or not to go to college, accept that job offer, or get married. The range of potential insights is truly awesome. But Bell and Gemmell also show how you can begin to take better advantage of this new technology right now. From how to navigate the serious questions of privacy and serious problem of application compatibility to what kind of startups Bell is willing to invest in and which scanner he prefers, this is a book about a turning point in human knowledge as well as an immediate and practical guide. Total Recall is a technological revolution that will accomplish nothing less than a transformation in the way humans think about the meaning of their lives. "What would happen if we could instantly access all the information we were exposed to throughout our lives?" -Bill Gates, from the Foreword

From Publishers Weekly Starred . At Microsoft, computer science pioneer Bell has worked with senior researcher Gemmell for years on a project called True Recall, which will allow people to create a "digital diary or e-memory continuously," something they predict will "change what it means to be human" as fundamentally as language development and the invention of writing. Based upon further development and integration of three already-extant technology streams (digital recording devices, memory storage and search engines), the authors have worked toward this "third step" in the development of human memory for a decade and a half. A number of issues will need to be addressed, including privacy; the authors distinguish between being a "life logger," with privately stored digital records, and a "life blogger," whose web posts are accessible to others (like friends or coworkers). Bell and Gemmell outline the tests they've run since 2001, scanning and then cataloguing for retrieval a mass of personal data

(documents, photographs, books and articles, web pages visited, instant messages, telephone calls) and wearing miniature cameras that sense light shifts and take automatic photographs. Readers will be wondering about the consequences of "recalling everything you once knew" long after they put down this fascinating text, of particular interest to techies, but clearly written for general readers. "I am not sure whether recording everything we see, hear and do is the landfill or landscape of our lives, because thoughts and memories are their own reality. But I am sure that Total Recall is a must read due to its inevitability, seminal nature and clairvoyant authors." -Nicholas Negroponte, author of Being Digital "Gordon Bell is one of the great visionaries in the computer industry. In Total Recall he paints a picture of a world where computing is far more personal than anything we have seen so far, where digital memory appliances supplement the human mind and store all the details of your life. Like much of Gordon's work it is a characteristically bold and exciting vision of computing. He takes us to a future which is just around the corner, but which would be hard to glimpse without him." -Nathan Myhrvold, co-founder of Intellectual Ventures "For decades, the tech world has been going gaga for "Moore's Law", which describes how much faster and more powerful personal electronics becomes over time, but in the last decade, most of the really big freakouts have been as a result of the explosion in our ability to capture and store data... What happens when being alive means being in record mode, for everybody? It's a change that is at once astonishing and imminent. Gordon and Jim are at the center of this kind of work, and just the guys to write the book." -Clay Shirky, author of Here Comes Everybody "Total Recall does a marvelous job of exploring first- hand the implications of storing our entire lives digitally. And just in time! -- the technology is already here and will be ubiquitous before we know it." -Guy L. Tribble, MD, PhD, Vice President of Software Technology, Apple Inc. "Economists, along with everyone else, will be astounded by the wide ranging social and personal benefits of Total Recall digital technology." -Tyler Cowen, author of Create Your Own Economy "As you warm to the ideas expressed in Total Recall, you find yourself reaching for your digital camera to record the moment just gone by." -Donna Dubinsky, CEO of Numenta, co-founder of Palm and Handspring "Wow! Thanks for this book. I've been fascinated by MyLifeBits for years; it's certainly inspired our thinking at Evernote." -Phil Libin, CEO, Evernote "Extraordinarily prescient but also entertaining...Total Recall is of paramount importance in the new, increasingly paperless world." -Leslie Berlowitz, Executive Director of the American Academy of Arts and Sciences "Total Recall offers a prescient view of the powerful use of today's information tomorrow. Gordon provides provocative insights, entertaining stories, and fundamental advancements in recall enabled by tools readily available today that immediately enhance the capture, access and sharing of numerous forms of information." -Jim Marggraff, Founder, CEO and Chairman of Livescribe, Inc. "Gordon Bell and Jim Gemmell paint a vivid and personal picture of a revolution that is already in progress, a revolution that will transform our future by making our past transparent. Clear, detailed, and permanent knowledge of ourselves and others will change the fiber of our lives and societies, pervasively, from meal planning to constitutional law. If we are blind to the implications, we'll be trying to solve the wrong problems with obsolete tools. Total Recall will open eyes, and the more, the better." -Dr. K. Eric Drexler, author of Engines of Creation "I am not sure whether recording everything we see, hear and do is the landfill or landscape of our lives, because thoughts and memories are their own reality. But I am sure that Total Recall is a must read due to its inevitability, seminal nature and clairvoyant authors." -Nicholas Negroponte, author of Being Digital "Gordon Bell is one of the great visionaries in the computer industry. In Total Recall he paints a picture of a world where computing is far more personal than anything we have seen so far, where digital memory appliances supplement the human mind and store all the details of your life. 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