



What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager

By Enrico Martignetti

Download now

Read Online ➔

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti

This is a book for curious people. It attempts to answer the basic question “how does it work?” As such, it does not explain how to call documented APIs and DDIs to accomplish some specific goal. There is plenty of information available on these subjects, including the MSDN Library, the WDK documentation and several excellent books. Rather, its purpose is to analyze how the Virtual Memory Manager works, simply because it is something worth knowing. With a certain mindset, it might even be something fun to know. Even though this book gives a fairly detailed description of the Virtual Memory Manager, it is not reserved for experienced kernel level programmers. Parts I and II provide information on the x64 processor and enough details on kernel mode code execution to help readers approaching these subjects for the first time. This book describes the Windows 7 x64 implementation of the Virtual Memory Manager. All of the analysis and experiments have been performed on this particular version only.

↓ [Download What Makes It Page?: The Windows 7 \(x64\) Virtual M ...pdf](#)

📖 [Read Online What Makes It Page?: The Windows 7 \(x64\) Virtual ...pdf](#)

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager

By Enrico Martignetti

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti

This is a book for curious people. It attempts to answer the basic question “how does it work?” As such, it does not explain how to call documented APIs and DDIs to accomplish some specific goal. There is plenty of information available on these subjects, including the MSDN Library, the WDK documentation and several excellent books. Rather, its purpose is to analyze how the Virtual Memory Manager works, simply because it is something worth knowing. With a certain mindset, it might even be something fun to know. Even though this book gives a fairly detailed description of the Virtual Memory Manager, it is not reserved for experienced kernel level programmers. Parts I and II provide information on the x64 processor and enough details on kernel mode code execution to help readers approaching these subjects for the first time. This book describes the Windows 7 x64 implementation of the Virtual Memory Manager. All of the analysis and experiments have been performed on this particular version only.

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti **Bibliography**

- Sales Rank: #353255 in Books
- Published on: 2012-08-21
- Original language: English
- Number of items: 1
- Dimensions: 9.69" h x 1.39" w x 7.44" l, 2.38 pounds
- Binding: Paperback
- 614 pages

 [Download What Makes It Page?: The Windows 7 \(x64\) Virtual M ...pdf](#)

 [Read Online What Makes It Page?: The Windows 7 \(x64\) Virtual ...pdf](#)

Download and Read Free Online What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti

Editorial Review

Review

"What Makes It Page? is an extraordinary hacker's journey through the Windows 7 (x64) virtual memory manager.

[...]

It's been a very long time since I've seen such extensive and meticulous deep digging to reveal material not previously available. A truly excellent resource for anyone interested in Windows internals."

Dr. Dobb's - Developer Reading List, August 20th, 2013

"Who should read this book? Anyone doing low level programming, system level stuff especially if they have drivers or interrupt handlers. Any large IT shop running, or transitioning to Windows 7 should have someone who understands system internals. Forensics team members will certainly benefit." - Stephen Northcutt, SANS Technology Institute

About the Author

Enrico Martignetti graduated in Electronic Engineering at Politecnico di Torino in 1993. He has been working as a software developer since 1990 and has been cultivating a strong interest on the Windows architecture since the late nineties, when he decided, quite short-sightedly, to study the kernel of Windows 98. He then moved to the Windows NT family kernel in 2001 and has been trying to make sense of it ever since.

Users Review

From reader reviews:

Roderick Donnell:

Book is definitely written, printed, or descriptive for everything. You can realize everything you want by a book. Book has a different type. As it is known to us that book is important issue to bring us around the world. Adjacent to that you can your reading proficiency was fluently. A guide What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager will make you to be smarter. You can feel considerably more confidence if you can know about every little thing. But some of you think which open or reading any book make you bored. It is not necessarily make you fun. Why they might be thought like that? Have you trying to find best book or suitable book with you?

Craig Baker:

Do you certainly one of people who can't read satisfying if the sentence chained within the straightway, hold on guys this aren't like that. This What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager book is readable simply by you who hate those perfect word style. You will find the info here are arrange for enjoyable reading experience without leaving even decrease the knowledge that want to provide to you. The writer connected with What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager content conveys thinking easily to understand by most people. The printed and e-book are not different in the content

but it just different by means of it. So , do you even now thinking What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager is not loveable to be your top list reading book?

Bertram Staten:

You can spend your free time to see this book this publication. This What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager is simple to bring you can read it in the recreation area, in the beach, train and also soon. If you did not have much space to bring the particular printed book, you can buy the e-book. It is make you better to read it. You can save typically the book in your smart phone. Therefore there are a lot of benefits that you will get when you buy this book.

Linda Bryant:

Is it a person who having spare time subsequently spend it whole day simply by watching television programs or just telling lies on the bed? Do you need something totally new? This What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager can be the answer, oh how comes? A fresh book you know. You are consequently out of date, spending your free time by reading in this fresh era is common not a nerd activity. So what these guides have than the others?

Download and Read Online What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti #VH01FX5BEUQ

Read What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti for online ebook

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti books to read online.

Online What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti ebook PDF download

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti Doc

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti Mobipocket

What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti EPub

VH01FX5BEUQ: What Makes It Page?: The Windows 7 (x64) Virtual Memory Manager By Enrico Martignetti