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The Datacenter as a Computer: An Introduction to the Design of Warehouse-Scale Machines, Second edition. Thursday, August 22, 2013 at 8:45AM. Google has released an epic second edition of their groundbreaking The Datacenter as a Computer book. It's called an introduction, but at 156 pages I would love to see what the Advanced version would look like! John Fries in a G+ comment has what I think is a perfect summary of the ultimate sense of the book: It's funny, when I was at Google I was initially quite intimidated by interacting with an enormous datacenter, and then I started imagining the entire datacenter was shrunk down into a small box sitting on my desk, and realized it was just another machine and the physical size didn't matter anymore. Request PDF on ResearchGate | The Datacenter as a Computer: An Introduction to the Design of Warehouse-Scale Machines | As computation continues to move into the cloud, the computing platform of interest no longer resembles a pizza box or a refrigerator, but a warehouse full of computers. These new large datacenters are quite different from traditional hosting facilities of earlier times and... These new large datacenters are quite different from traditional hosting facilities of earlier times and cannot be viewed simply as a collection of co-located servers. The Datacenter as a Computer: An Introduction to the Design of Warehouse-Scale Machines. 1st Morgan and Claypool Publishers ©2009 ISBN:159829556X 9781598295566. 2009 Book. These new large datacenters are quite different from traditional hosting facilities of earlier times and cannot be viewed simply as a collection of co-located servers. Large portions of the hardware and software resources in these facilities must work in concert to efficiently deliver good levels of Internet service performance, something that can only be achieved by a holistic approach to their design and deployment. In other words, we must treat the datacenter itself as one massive warehouse-scale computer (WSC).