

<<网格计算>>

图书基本信息

书名 : <<网格计算>>

13位ISBN编号 : 9787302100256

10位ISBN编号 : 730210025X

出版时间 : 2005-1-1

出版时间 : 清华大学出版社

作者 : Joshy Joseph,Craig Fellenstein

页数 : 378

版权说明 : 本站所提供之下载的PDF图书仅提供预览和简介,请支持正版图书。

更多资源请访问 : <http://www.tushu007.com>

<<网格计算>>

内容概要

网格计算(Grid Computing)是近几年一个新兴的研究领域。

作为有望成为下一代信息社会的基础设施，网格计算不仅备受学术界的瞩目，也引起了IT业界浓厚的兴趣。

在本书中，两位来自IBM的专家Josh Joseph和Craig Fellenstein沿着“概念-发展-理论-实践”的主线，首先对网格计算概念进行了阐明，对于网格计算由来和演变做了分析，然后介绍网格应用，接下来对相关的网格标准（OGSA，OGSI）做了十分翔实准确的叙述，最后还对目前网格领域最有影响力的Globus Toolkit 3做了非常细致的说明。

本书具有准确全面，注重实践，详尽介绍最新技术和标准，篇章结构组织严谨、线索突出等特点。

通过阅读该书，读者不仅可以迅速掌握网格计算和效用计算的基本概念、学习如何构建相关程序、理解现有技术和标准的最新进展，更可以将网格技术用于组织现有IT资源，降低成本并让它们发挥出更大的价值。

<<网格计算>>

书籍目录

Preface Acknowledgments Part 1 Grid Computing CHAPTER 1 Introduction Early Grid Activities Data Computation Computational and Data Grids Current Grid Activities An Overview of Grid Business Areas Life Sciences Financial Analysis and Services Research Collaboration Engineering and Design Collaborative Games Government Grid Applications Schedulers Resource Broker Load Balancing Grid Portals Grid Infrastructure Conclusion Notes Part 2 Grid Computing Worldwide Initiatives CHAPTER 2 Grid Computing Organizations and Their Roles Organizations Developing Grid Standards and Best Practice Guidelines Global Grid Forum (GGF) Organizations Developing Grid Computing Toolkits and the Framework Globus Legion Condor and Condor-G Nimrod UNICORE (UNiform Interface to COrputer REsource) NSF Middleware Initiative (NMI) Organizations Building and Using Grid-Based Solutions to Solve Computing, Data, and Network Requirements United States Department of Energy: Science Grid (DOE) European Union: EUROGRID Project European Union: Data Grid Project TeraGrid NASA Information Power Grid (IPG) Commercial Organizations Building and Using Grid-Based Solutions Notes CHAPTER 3 The Grid Computing Anatomy The Grid Problem The Concept of Virtual Organizations Grid Architecture Grid Architecture and Relationship to Other Distributed Technologies Summary Notes CHAPTER 4 The Grid Computing Road Map Autonomic Computing Business On Demand and Infrastructure Virtualization Service-Oriented Architecture and Grid Semantic Grids Summary Notes Part 3 The New Generation of Grid Computing Applications Part 4 The Grid Computing Technological Viewpoints Part 5 The Grid Computing Toolkits

<<网格计算>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>