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Quality-Based Content Delivery over the Internet

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With 44 figures



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Preface

It is an obvious fact now that the Internet is becoming part of our life. More and more contents are delivered over the Internet. As the heterogeneity in the Internet increases, content providers are considering adaptive content delivery to achieve better user satisfaction. However, so far there are still no thorough study of how contents are delivered over the Internet and how we can achieve better adaptive content delivery.

In this book, we try to illustrate the Internet content delivery mechanism. And based on this mechanism we propose an adaptive content delivery framework which can greatly help Internet Service Providers and Internet Content Providers to achieve quality-based content delivery service. This book can be used as an introduction for Internet content based technology researchers, and can also be used as a reference book for graduate students.

This book is the refined wisdom from the Institute of Information Security Engineering, Shanghai Jiao Tong University. We appreciate all of our colleagues for their great help in this book. And we would also express our sincere appreciation towards Shanghai Jiao Tong University Press. Without their help, we would never have this book published so smoothly.

Xiang Li
Jianhua Li
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