Learning Objects: Theory, Praxis, Issues, and Trends

Contents

Acknowledgments

Preface

Part I Design

Chapter 1: Where Theory Meets Practice: Design and Deployment of Learning Objects
  Roy Schwartzman, Darla Runyon, and Roger Von Holzen

Chapter 2: Instructional Design of Learning Objects for the Cognitive Domain
  Jared Schaalje

Chapter 3: The Influence of Context on the Future of Learning Objects
  Allard Strijker and Betty Collis

Chapter 4: Contextualisation of Learning Objects to Derive Meaning
  Stephen Quinton

Chapter 5: Granularity, Reusability and Learning Objects
  Kevin Johnson and Timothy Hall

Chapter 6: Using Multimedia In Interactive Learning Objects To Meet Emerging Academic Challenges
  Betty L. Black, Harold Heatwole, and Harold Meeks

Chapter 7: Learning Objects’ User Interface
  Maria Sagrario R. Simbulan

Chapter 8: Usability Theory, Practice and Evaluation for Learning Objects
**Learning Object Metadata: Theories, Methods and Tools Useful in Creating Effective e-Learning Environments**

Shari L. Villani ...............................................................371

**Part II Technological and Future Trends**

**Chapter 10:** Syntax and Semantics of Learning Object Metadata: The IEEE/IMS LOM and Beyond

Michael Sonntag..........................................................417

**Chapter 11:** The Politics of E-Learning Standardization

Norm Friesen and Darryl Cressman .........................507

**Chapter 12:** Learning Object Repositories

Permanand Mohan..........................................................527

**Chapter 13:** An Ontology-based Learning Object-centred Architecture for Learning Content Management Systems

Claus Pahl, Edmond Holohan, Declan McMullen, and Mark Melia..............................................................549

**Chapter 14:** The Future of Learning Objects

Jacques du Plessis ......................................................585

**Contributors**

Authors..........................................................................609
Editors...........................................................................617
Editorial Review Board................................................619

**Index**

.........................................................................................623