Record Nr. UNINA9910820704503321 Autore Weisser Martin Titolo Essential programming for linguistics / / Martin Weisser Edinburgh,: Edinburgh University Press, 2009 Pubbl/distr/stampa **ISBN** 1-282-62046-0 9786612620461 0-7486-4183-1 Edizione [1st ed.] Descrizione fisica 1 online resource (185 p.) Edinburgh advanced textbooks in linguistics Collana Classificazione ES 930 Disciplina 410.28551 Computational linguistics Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Copyright; CONTENTS; LIST OF FIGURES; LIST OF TABLES; ACKNOWLEDGEMENTS: 1 INTRODUCTION: 2 BASIC PROGRAMMING CONCEPTS - 1: 3 BASIC PROGRAMMING CONCEPTS - 2: 4 WORKING WITH TEXT (BASIC STRING HANDLING); 5 WORKING WITH STORED DATA (BASIC FILE HANDLING); 6 IDENTIFYING TEXTUAL PATTERNS (BASIC AND EXTENDED REGULAR EXPRESSIONS); 7 MODIFYING TEXTUAL PATTERNS (SUBSTITUTION AND TRANSLITERATION); 8 GETTING THINGS INTO THE RIGHT ORDER (BASIC SORTING); 9 ELEMENTARY TEXTS STATS (CREATING BASIC FREQUENCY LISTS); 10 MORE REPETITIVENESS OR HOW TO TIE THINGS TOGETHER (INTRODUCING MODULARITY); 11 **OBJECTS** 12 GETTING GRAPHICAL (SIMPLE USER INTERFACES)13 CONCLUSION: Appendix A SAMPLE SOLUTIONS; Appendix B HOW TO GET FURTHER HELP ON PERL; REFERENCES; INDEX Sommario/riassunto A gentle introduction to programming for students and researchers interested in conducting computer-based analysis in linguistics, this book is an ideal starting point for linguists approaching programming for the first time. Assuming no background knowledge of programming, the author introduces basic notions and techniques needed for linguistics programming and helps readers to develop their understanding of electronic texts. The book includes many examples

based on diverse topics in linguistics in order to demonstrate the

applicability of the concepts at the heart of programming. Practical ex