

LANGUAGE ENGINEERING

Hristo Georgiev

“Georgiev's book explores original and practical approaches to Natural Language Processing. It will be useful for the engineer and stimulating for the scientist. The book covers the foundations of natural language analysis from morphology to semantics providing useful and insightful examples in different natural languages. For the developer, it is a great source of code that addresses the most common issues in lexical analysis and parsing. For the scientist, it provides an original approach to parsing and lexical semantics to be compared to mainstream approaches.”

Dr Vincenzo Pallotta, Research Associate and Lecturer, Department of Computer Science, University of Fribourg, Switzerland

Language Engineering examines the processes involved in dictionary-making, parsing, spell-checking, lexical semantics, machine translation, question answering and text attribution. The dictionary-building and natural language processing techniques examined are applicable to most languages, and the book includes extensive examples in English, French and German.

This book is the first detailed description of morphology, syntax and semantics using the C(C++) programming language, and as such should be essential reading for researchers in natural language processing and computational linguistics.

Dr Hristo Georgiev is an independent researcher in Natural Language Processing.

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Language Engineering



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