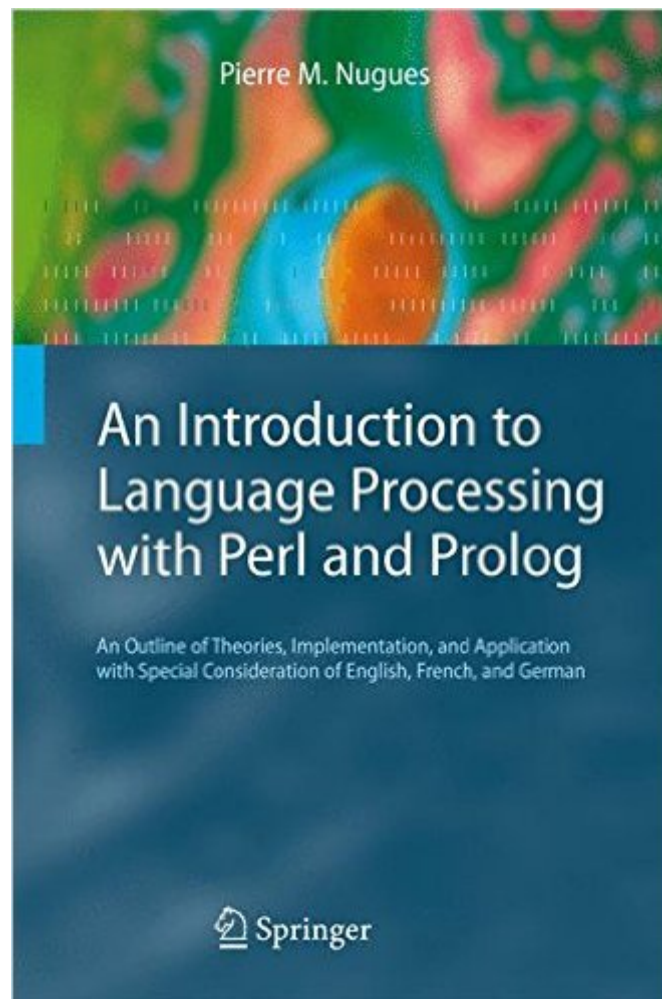


The book was found

# **An Introduction To Language Processing With Perl And Prolog: An Outline Of Theories, Implementation, And Application With Special Consideration Of English, French, And German (Cognitive Technologies)**





## Synopsis

This book teaches the principles of natural language processing and covers linguistics issues. It also details the language-processing functions involved, including part-of-speech tagging using rules and stochastic techniques. A key feature of the book is the author's hands-on approach throughout, with extensive exercises, sample code in Prolog and Perl, and a detailed introduction to Prolog. The book is suitable for researchers and students of natural language processing and computational linguistics.

## Book Information

Series: Cognitive Technologies

Hardcover: 514 pages

Publisher: Springer; 2006 edition (April 5, 2006)

Language: English

ISBN-10: 354025031X

ISBN-13: 978-3540250319

Product Dimensions: 6.5 x 1.4 x 9.4 inches

Shipping Weight: 2 pounds

Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #3,727,484 in Books (See Top 100 in Books) #34 in [Books > Computers & Technology > Programming > Languages & Tools > Prolog](#) #244 in [Books > Computers & Technology > Programming > Languages & Tools > Perl](#) #286 in [Books > Computers & Technology > Computer Science > AI & Machine Learning > Natural Language Processing](#)

## Customer Reviews

This book has the same scope as *Speech and Language Processing* (2nd Edition) (Prentice Hall Series in Artificial Intelligence), but that book flies too high over the details. This book does a good job of covering the details without getting lost in them. The author takes the approach of explaining a concept first with excellent illustrations, then explains the algorithm that implements the concept, then shows detailed code in either Prolog or PERL. This is not to say you can pick up this book without the proper background and get much out of it. Language processing is a field requiring a good background in a number of fields including the theory of computation, linguistics, artificial intelligence, and information theory to name a few. You should be familiar with all of these fields before tackling the book, although the author does introduce these topics somewhat before digging into details. One thing the author does not do much of is explain Prolog or PERL. He assumes you

already know these languages, although there is an appendix at the back of the book covering Prolog. Prolog is a difficult language to learn and is not at all intuitive. However, it is an excellent choice for coding up many algorithms concerning artificial intelligence. Thus, although I do not argue with the author's choice of language, I do recommend that you become fluent in Prolog before you read this book. I used to recommend Jurafsky and Martin for people starting out learning language processing, but now I think I can recommend this book for not only the big picture but the details of this interesting field as well.

This is a wonderful, code rich, book on language processing for computational linguists and language engineers. It is both theory and example rich with considerable detail throughout. The book is clearly written and very well structured!! Highly recommended!

Subject matter, depth and breadth are just right. I work in both Perl and Prolog. Author's command of English is not perfect, but tolerable.

[Download to continue reading...](#)

An Introduction to Language Processing with Perl and Prolog: An Outline of Theories, Implementation, and Application with Special Consideration of English, French, and German (Cognitive Technologies) Language Processing with Perl and Prolog: Theories, Implementation, and Application (Cognitive Technologies) German baby book: Animal Counting Fun. SpaÃfÅ, beim ZÃfÅhlen: Childrens German book. Children's Picture Book English-German (Bilingual Edition). German picture ... books for children: 2) (German Edition) Ich habe meinen Papa lieb I Love My Dad (german english bilingual, german children's books): german kids books, kinderbuch, german childrens stories ... Bilingual Collection) (German Edition) Learn German III: Parallel Text - Easy Stories (German - English) Bilingual - Dual Language (Learning German with Parallel Text 3) (German Edition) Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics and Speech Recognition Middle Range Theories: Application to Nursing Research (Peterson, Middle Range Theories) I Love to Keep My Room Clean Ich rÃfÅume mein Zimmer gerne auf (English German Bilingual): German bilingual childrens books (English German Bilingual Collection) (German Edition) Natural Language Processing for Social Media (Synthesis Lectures on Human Language Technologies) Kids german book: Ich rÃfÅume mein Zimmer gerne auf-Kinderbuch (german children's books, KinderbÃfÅcher, german kids books) (German Bedtime Collection) (German Edition) Deep Learning: Natural Language Processing in Python with Word2Vec: Word2Vec and Word Embeddings in Python and Theano

(Deep Learning and Natural Language Processing Book 1) Deep Learning: Natural Language Processing in Python with GLoVe: From Word2Vec to GLoVe in Python and Theano (Deep Learning and Natural Language Processing) Deep Learning: Natural Language Processing in Python with Recursive Neural Networks: Recursive Neural (Tensor) Networks in Theano (Deep Learning and Natural Language Processing Book 3) Where is the baby - Wo ist das Baby: (Bilingual Edition) English-German children's picture book. Children's bilingual German book. German books for ... for children) (Volume 1) (German Edition) Bilingua German book: My Daddy is the Best. Mein Papa ist der Beste: Children's English German Picture book (Bilingual Edition), German children's books, Bilingual ... books for children: 7) (German Edition) German children's book: My Daddy is the Best. Mein Papa ist der Beste: German books for children. (Bilingual Edition) English German children's picture ... for children:) (Volume 7) (German Edition) Children's German books: Where is Santa. Wo ist der Weihnachtsmann: Children's English-German Picture book (Bilingual Edition) (German Edition), German ... for children: Easter, Christmas etc. 1) 10 Bed-Time Stories in French and English with audio.: French for Kids - Learn French with Parallel English Text (Volume 2) (French Edition) Pimsleur German Level 4 CD: Learn to Speak and Understand German with Pimsleur Language Programs (Comprehensive) (English and German Edition) Larousse College Dictionary French-English/English-French (English and French Edition)

[Dmca](#)