Formalising Natural Languages with NooJ

By Anaid Donabedian

Cambridge Scholars Publishing. Hardcover. Book Condition: New. Hardcover. 255 pages. Dimensions: 8.3in. x 6.0in. x 1.0in.NooJ is a linguistic development environment that provides tools for linguists to construct linguistic resources that formalise a large gamut of linguistic phenomena: typography, orthography, lexicons for simple words, multiword units and discontinuous expressions, inflectional and derivational morphology, local, structural and transformational syntax, and semantics. For each resource that linguists create, NooJ provides parsers that can apply it to any corpus of texts in order to extract examples or counter-examples, to annotate matching sequences, to perform statistical analyses, etc. NooJ also contains generators that can produce the texts that these linguistic resources describe, as well as a rich toolbox that allows linguists to construct, maintain, test, debug, accumulate and reuse linguistic resources. For each elementary linguistic phenomenon to be described, NooJ proposes a set of computational formalisms, the power of which ranges from very efficient finite-state automata to very powerful Turing machines. This makes NooJs approach different from most other computational linguistic tools that typically offer a unique formalism to their users. Since it was released in 2002, NooJ has been enhanced with new features every year. Linguists, researchers in Social Sciences and more generally...

READ ONLINE
[8.83 MB]

Reviews

Thorough manual! Its this sort of good read through. it absolutely was writtern very flawlessly and helpful. I am just easily will get a delight of studying a created publication.
-- Abdiel Stiedemann Sr.

This pdf is amazing. It really is rally exciting throgh looking at time. I am easily could possibly get a satisfaction of looking at a created publication.
-- Patience Bechtelar