Pratt parser

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In computer science, a **Pratt parser** is an improved recursive descent parser that associates semantics with tokens instead of grammar rules.[1] It was first described by Vaughan Pratt in the 1973 paper "Top down operator precedence",[2] and was treated in much more depth in a Masters Thesis under his supervision.[3] Pratt designed the parser originally to implement the CGOL programming language. Douglas Crockford used the technique to build JSLint.

Notes   [edit]

1. ^ Simple Top-Down Parsing in Python 🔗
2. ^ Pratt, Vaughan. "Top down operator precedence 📄." *Proceedings of the 1st Annual ACM SIGACT-SIGPLAN Symposium on Principles of Programming Languages* (1973).
3. ^ Van De Vanter, Michael L. "A Formalization and Correctness Proof of the CGOL Language System 🔗." (Master's Thesis). MIT Laboratory for Computer Science Technical Report MIT-LCS-TR-147 (Cambridge, MA). 1975.

See also   [edit]

- Operator Precedence Parser

External links   [edit]

- Pratt Parsers: Expression Parsing Made Easy 🔗

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