Jison JS Clone of Flex & Bison

- https://github.com/zaach/jison
- https://github.com/GerHobbelt/jison



install

community

Documentation

Jison takes a context-free grammar as input and outputs a JavaScript file capable of parsing the language described by that grammar. You can then use the generated script to parse inputs and accept, reject, or perform actions based on the input. If you're familiar with Bison or Yacc, or other clones, you're almost ready to roll.

- Installation
- Usage from the command line
- <u>Usage from a CommonJS Module</u>
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- The Concepts of Jison
- Specifying a Language
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ANTLR

















What is ANTLR?



ANTLR (ANother Tool for Language Recognition) is a powerful parser generator for reading, processing, executing, or translating structured text or binary files. It's widely used to build languages, tools, and frameworks. From a grammar, ANTLR generates a parser that can build and walk parse trees.



Terence Parr is a tech lead at Google and until 2022 was a professor of data science / computer science at Univ. of San Francisco. He is the maniac behind ANTLR and has been working on

language tools since 1989.

Check out Terence impersonating a machine learning droid: explained.ai Quick Start

See Getting Started with ANTLR v4

OS X

\$ cd /usr/local/lib

\$ sudo curl -0 https://www.antlr.org/download/antlr-4.10.1-complete.jar

\$ export CLASSPATH="::/usr/local/lib/antlr-4.10.1-complete.jar:\$CLASSPATH"

\$ alias antlr4='java -jar /usr/local/lib/antlr-4.10.1-complete.jar'

\$ alias grun='java org.antlr.v4.gui.TestRig'