

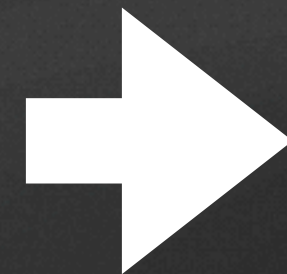
Lexer / Parser

html

body

h1 Title

Code



```
{
  "source": "basic.pug",
  "name": "html",
  "type": "tag",
  "lineNumber": 1,
  "children": [
    {
      "source": "basic.pug",
      "name": "body",
      "type": "tag",
      "lineNumber": 2,
      "children": [
        {
          "source": "basic.pug",
          "name": "h1",
          "type": "tag",
          "val": "Title",
          "lineNumber": 3
        }
      ]
    }
  ]
}
```

AST

Flex & Bison

Lexical Analyzer & Parser Generator

[The Lex & Yacc Page](#)

Bison

The YACC-compatible Parser Generator

*November 1995, Bison Version 1.25
by Charles Donnelly and Richard Stallman*

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