

Source:

1 | **The Role of the Lexical Analyzer**

1.1 | **Lexical vs Syntactic analysis**

1. Syntax and raw text are different and can be treated separately
2. it may be more efficient
3. better portability

1.2 | **terms: tokens, patterns, lexemes**

- #definition token: is a name and a value, like a keyword or an identifier
- #definition pattern: basically a regex of what string structures are allowed
- #definition

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