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# A grammar to describe tree matching patterns.

# Not shown here:

# - 'TOKEN' stands for any token (leaf node)

# - 'any' stands for any node (leaf or interior)

# With 'any' we can still specify the sub-structure.

# The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative ('|' Alternative)\*

Alternative: (Unit | NegatedUnit)+

Unit: [NAME '='] ( STRING [Repeater]

| NAME [Details] [Repeater]

| '(' Alternatives ')' [Repeater]

| '[' Alternatives ']'

)

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives ')')

Repeater: '\*' | '+' | '{' NUMBER [',' NUMBER] '}'

Details: '<' Alternatives '>'