Parser

| 0..n

Builder

FreeChemicalBuilder · · · SequenceBindingBuilder · · · LoadingTableBuilder · · · EventBuilder

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Interpreter

commands
match (input_line)
operator+ (interpreter)
clone ()

Checks whether an input line
corresponds to predefined format

Combines two predefined rules
(generally implicitly by operator+)

Rule

Checks for end of line

EOLToken

BaseToken<type>

Iteration

Checks for token of specific type and stores it.

Used when the same subrule is
applied an arbitrary number of times

TagToken

MemToken<type>

Checks for a predefined tag (*e.g.* "ChemicalReaction")

Checks for token of specific type and appends it to a vector
of previously read values (generally used in conjunction with
Iteration).

example:
TagToken("SequenceBinding") + BaseToken<string> (unit_to_bind) + BaseToken<string> (bound_unit) + BaseToken<string> (binding_site_family)