

Gramática "Limpia"

json -> element EOF

element -> object | array

array -> [array '

array ' -> element _list] |]

element _list -> element E '

E ' -> , element E ' | ϵ

object -> { object '

object ' -> attribute _list } | }

atribute _list -> attribute A '

A ' -> , attribute A ' | ϵ

attribute -> attribute_name : attribute_value

attribute_name -> STRING

attribute_value -> element | STRING | NUMBER | TRUE | FALSE | NULL

Conjuntos primeros y siguientes

$P(\text{json}) = \{ \{, \} \}$

$S(\text{json}) = \{ \$ \}$

$P(\text{elemento}) = \{ \{, \} \}$

$S(\text{element}) = \{ \$, ,,], \} \}$

$P(\text{array}) = \{ [\}$

$S(\text{array}) = \{ \$, ,,], \} \}$

$P(\text{array '}) = \{ \{, [, \} \}$

$S(\text{array '}) = \{ \$, ,,], \} \}$

$P(\text{element_list}) = \{ \{, [\}$

$S(\text{element_list}) = \{] \}$

$P(E ') = \{ ,, \epsilon \}$

$S(E ') = \{] \}$

$P(\text{object '}) = \{ \text{STRING}, \} \}$

$S(\text{object '}) = \{ \$, ,,], \} \}$

$P(\text{attribute_list}) = \{ \text{STRING} \}$

$S(\text{attribute_list}) = \{ \} \}$

$P(A ') = \{ ,, \epsilon \}$

$S(A ') = \{ \} \}$

$P(\text{attribute}) = \{ \text{STRING} \}$

$S(\text{attribute}) = \{ ,, \} \}$

$P(\text{attribute_name}) = \{ \text{STRING} \}$

$S(\text{attribute_name}) = \{ : \}$

$P(\text{attribute_value}) = \{ \{, [, \text{STRING}, \text{NUMBER}, \text{TRUE}, \text{FALSE}, \text{NULL} \}$ $S(\text{attribute_value}) = \{$
 $, , \} \}$

$P(\text{object}) = \{ \{ \}$ $S(\text{object}) = \{ \$, , ,] , \} \}$