

Regular Grammar

A regular grammar is one which has simple a series of simple production rules, for example,

$$R \rightarrow cS$$
$$R \rightarrow aR$$
$$R \rightarrow bR$$
$$S \rightarrow aT$$
$$S \rightarrow cS$$
$$T \rightarrow \text{null}$$

Here, R reduces to either the symbol c followed by the string S or zero or more a 's and b 's followed by a c followed by the string S .

The string S (or non-terminal) reduces to zero or more c 's followed by a and the string T .

T reduces to the null symbol, and thus stops the production (bottom of the recursion).