

Synchronous CFG

- SYNCHRONOUS CFG capture the “double generation”.
 - Nonterminals must map 1-1.

$$X \rightarrow X_0 \text{ 的 } X_1 \text{ } X_1 \text{ in } X_0$$

- SYNCHRONOUS TREE SUBSTITUTION GRAMMARS (STSG)
 - Whole subtrees are attached \Rightarrow structural changes ok.
 - In fact equivalent to SCFG.

