(1) A Context Free Grammar

$S \to NP \ VP$
$NP \to Det \ N \mid PN$
$Det \to a \mid the$
$N \to mouse \mid cat \mid dog$
$PN \to it$
$VP \to V_I \mid V_T \ NP \mid V_3 \ that \ S$
$V_I \to swam \mid slept$
$V_T \to chased \mid evaded$
$V_3 \to believed \mid dreamed$

The language of this grammar happens
to be regular, as well as context free.

(2) A DFA to recognize the same language
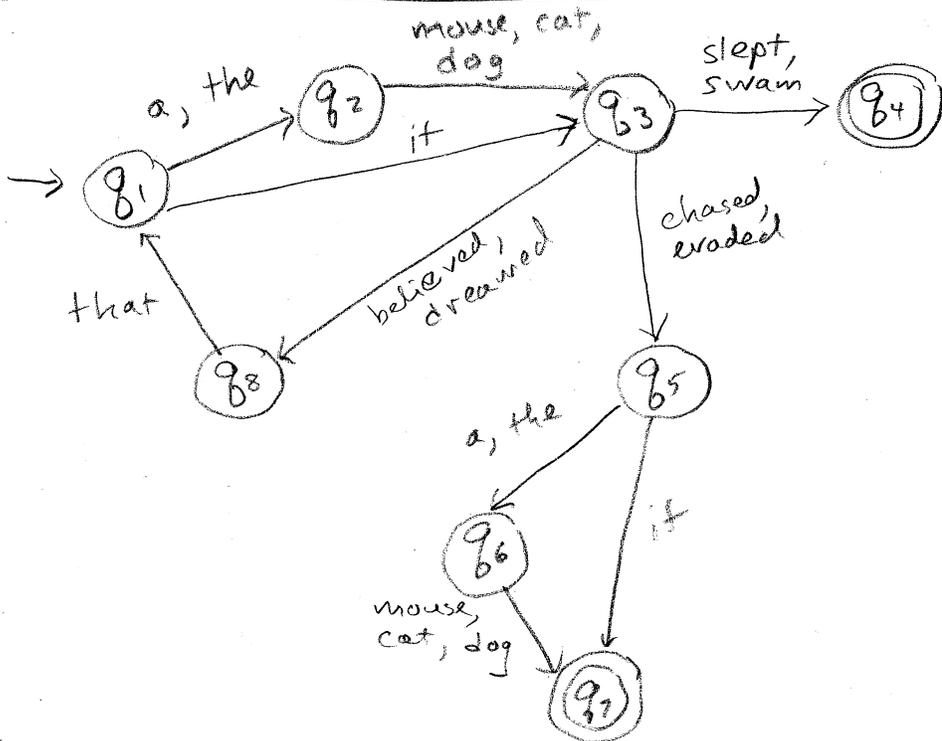
(Of course, such a conversion is not
always possible: there are context free
languages that are not regular.)