

0 1 2 3 4 5 6 7

“Papa ate the caviar with a spoon”



- S → NP VP
- NP → Det N
- NP → NP PP
- VP → V NP
- VP → VP PP
- PP → P NP
- NP → Papa
- N → caviar
- N → spoon
- V → spoon
- V → ate
- P → with
- Det → the
- Det → a

Avoid duplicate work:
Build width-1, then width-2, etc.

