

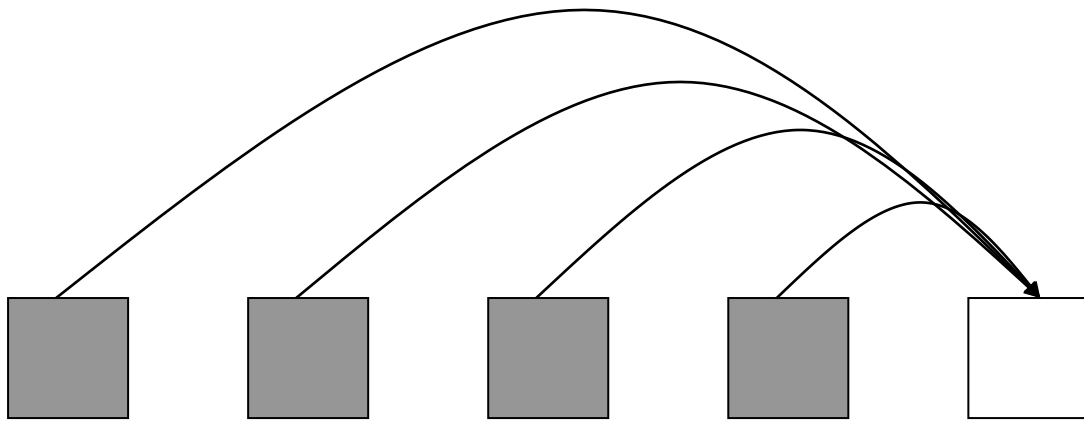
The main design decision driving these architectures, as opposed to the ones described in Robert Hecht Nielsen's book, is that second level modules exclusively contain phrases, not phrases as well as words. First level modules exclusively contain words, as expected. This design decision eases the burden on the size of the modules, but in turn creates intricacies when propagating excitations among modules.

In summary:

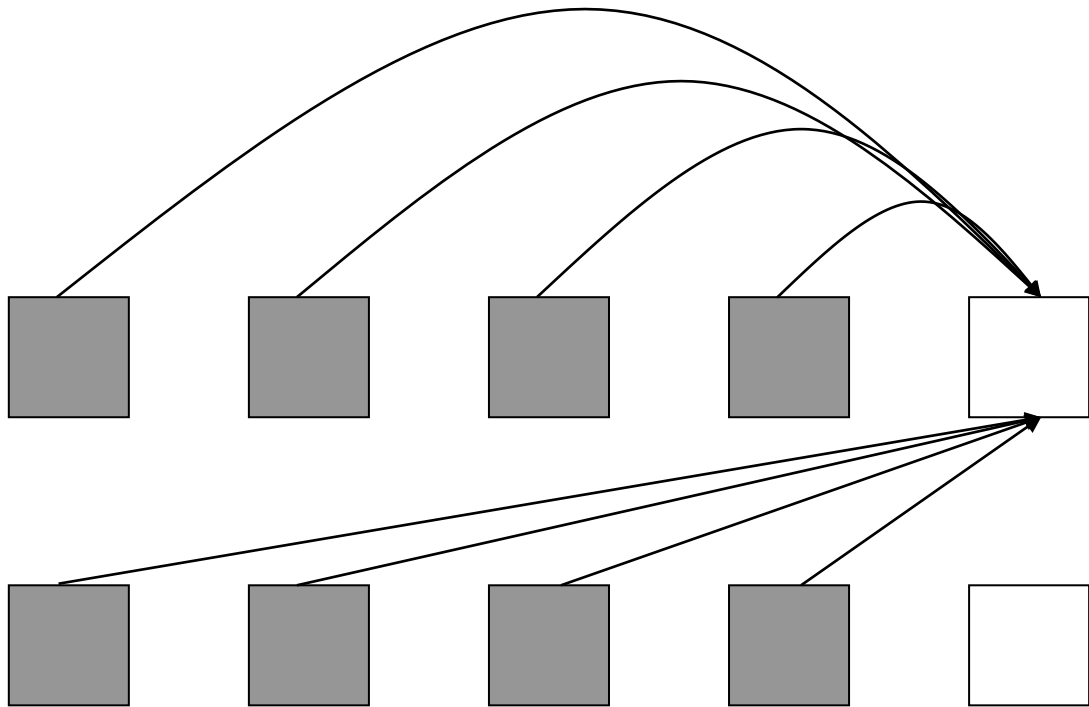
Level I: Words

Level II: Phrases

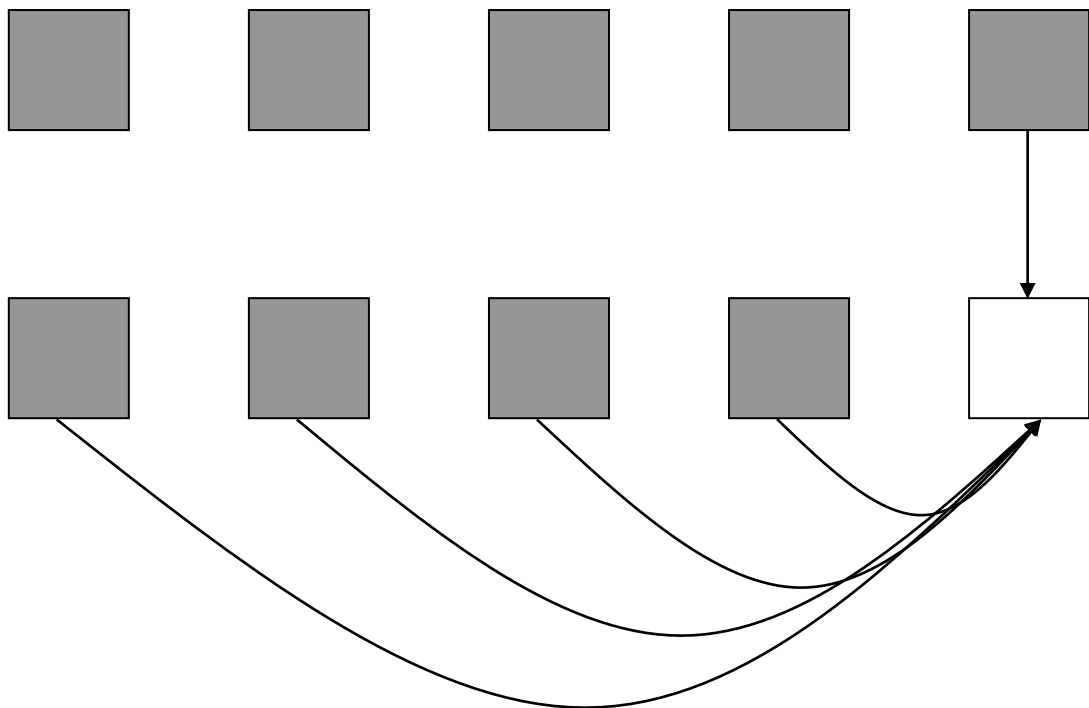
Level III (potentially): Meaning



Forward Confabulation, Step 1



TwoLevelSimpleConfabulation, Step 1



TwoLevelSimpleConfabulation, Step 2