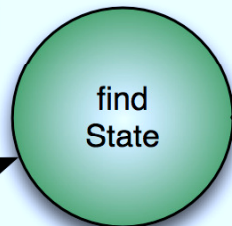
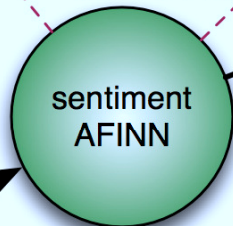
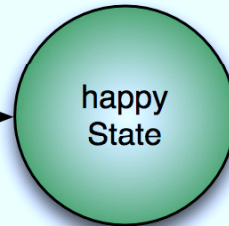


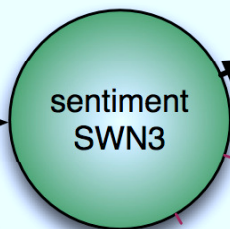
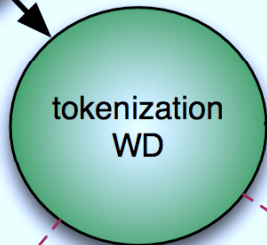
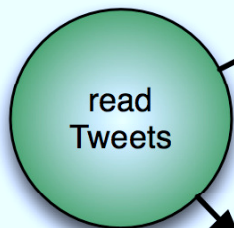
Phase 1 a: composite PE
Preprocess and classify
with AFINN



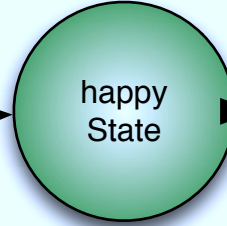
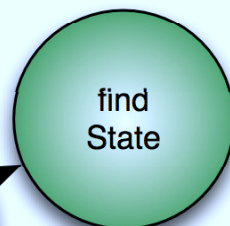
**Grouping-by
state**



**Grouping
all-to-one**



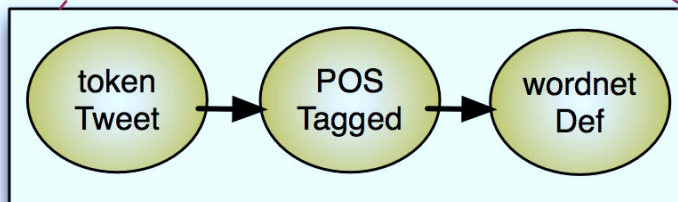
**Grouping-by
state**



**Grouping
all-to-one**



Phase 1 b: composite PE
Preprocess the tweet



Phase 2 b: composite PE
Classify the tweet with SWN3

