

# Designing Typeahead Suggestion

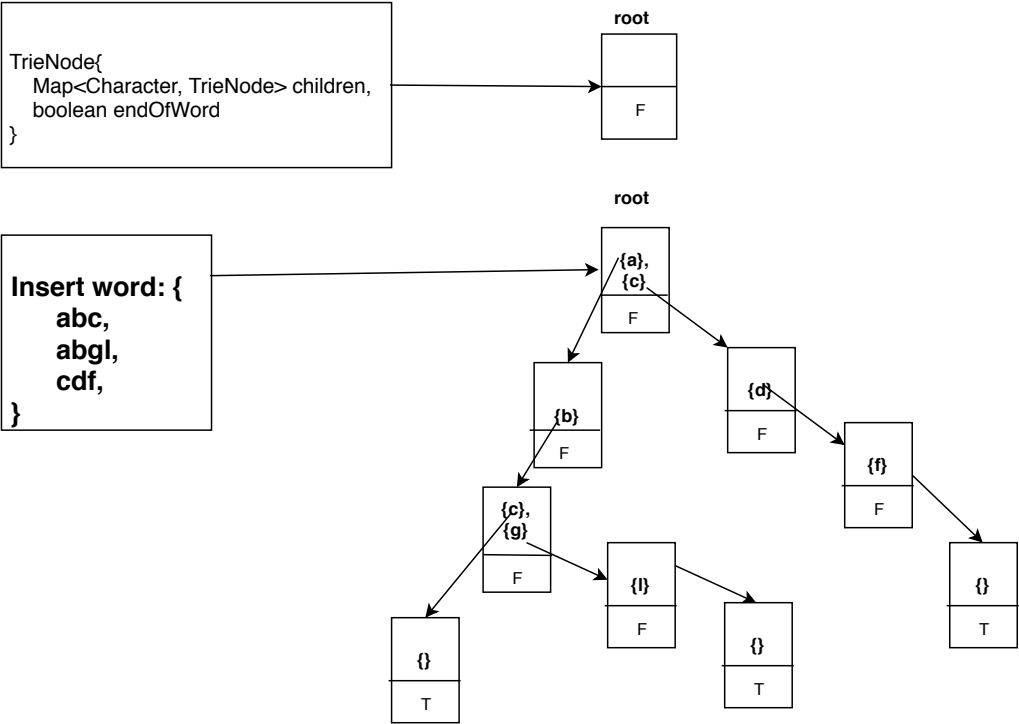
Topic

1.Trie Data Structure

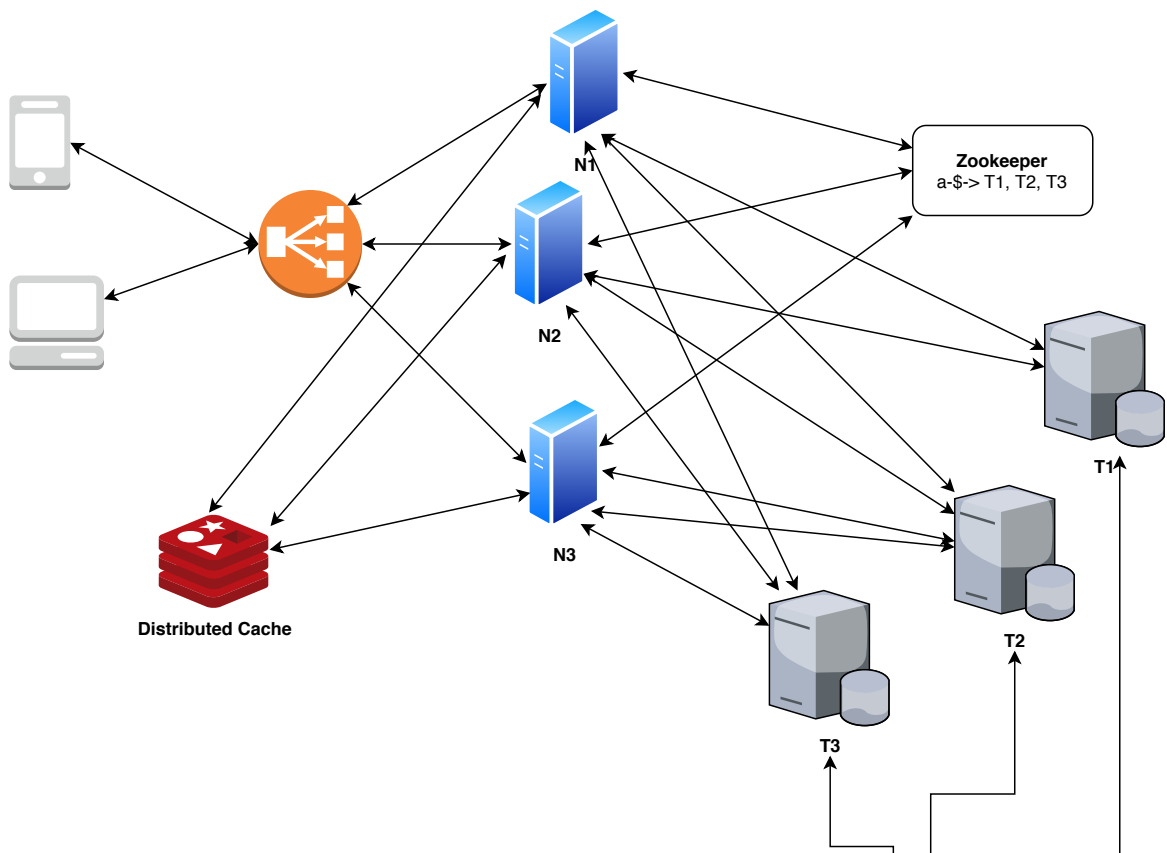
2.Request Flow

3. Data Collection flow

## TRIE DATA STRUCTURE



REQUEST FLOW



Data Collection Flow

Word API :- Phase-> weight



Aggregator Service



SQL Database



Applier

Phase	Time	Sum of weight
bat	Nov 1	1102
bat	Nov 2	220
bat	Nov 3	12008
bat	Nov 4	910