1 Type 1: Noun - Verb - Noun

1.1 Core Layout

INPUT − > NLP − > DICTIONARY − > CONSTRUCT QUERY − > EXECUTE QUERY

1.2 Input

String input, a single sentence.

1.3 NLP − > DICTIONARY − > CONSTRUCT QUERY

Turn string input into an array of words.

Traverse through array.
Find first occurrence of a noun
    − put into first spot
Find verb
    − put into second spot
Find last occurrence of a noun
    − put into last spot
Return query

1.4 Thoughts

Dictionary to contain only "join verbs"?
ie.) likes, is a friend of, is a friend of a friend, dislikes, knows, etc.)
Like a "menu" of possible joinings

2 Type 2: Noun (person) - In/Apart Of - Noun (other)

2.1 Core Layout

INPUT − > NLP − > DICTIONARY − > CONSTRUCT QUERY − > EXECUTE QUERY

2.2 Input

String input, a single sentence.

2.3 NLP − > DICTIONARY − > CONSTRUCT QUERY

Turn string input into an array of words.

Have the join (in, apart of, etc) static in second spot
Traverse through array.
Find first occurrence of a noun (name of a person)
    − put into first spot
Find last occurrence of a noun (name of other)
    − put into last spot
Return query

2.4 Thoughts

The other noun is to be of a name of a community, society, group or media platform (band, movie, television show).
Ideally the same as Type 1, with having the join verb set rather than having to find it through the NLP/Dictionary process.