ON YOUR OWN

 Come up with as many morphological changes as you can come up with, and pay attention to exceptions. For example, "-s" marks plural at the end of most nouns. "-ing" turns verbs into nouns. How many of these can you generate regular expressions for? Can you come up with cases where a regex for this pattern would yield a false positive? (e.g. "king" is not a gerund of "k".)