

# Testing

| Unit Tests  | Modules            |
|---|--------------------|
|   |                    |
| <b>constructObjectTest (Ricardo Munoz):</b> tests that all of the constructors for the parts of speech work properly  |                    |
| constructObjectTest:  | constructObject    |
|   |                    |
| <b>checkRulesTest (Eron Lake):</b> this tests that the rules are properly returning if they can be shift reduced or not   |                    |
| checkRulesTest  | checkRules         |
|   |                    |
| <b>getShiftReduceNameTest (Eron Lake):</b> this checks that given two word.nodes will shift reduce properly to right type of node   |                    |
| getShiftReduceNameTest  | getShiftReduceName |
|   |                    |
| <b>isValidSentenceTest (Robert James):</b> this test runs the invalid sentence on an input of a word object list<br>This test runs the function on a number of different sentences, with some returning true, and some returning false to show what kind of inputs cannot be accepted |                    |
| isValidSentenceTest   | isValidSentence    |
| isValidSentenceTest1  | isValidSentence    |
| isValidSentenceTest2  | isValidSentence    |
| isValidSentenceTest3  | isValidSentence    |
| isValidSentenceTest4  | isValidSentence    |
| isValidSentenceTest5  | isValidSentence    |
| <b>[other members of the group were working on the UI and had no way to make unit tests]</b>  |                    |