

Demonstratives are determined such as *this*, *that*, *these*, and *those*. In English, demonstratives, like other determiners, must precede adjectives and nouns.

- a. This hairy dog.
- b. * Hairy dog this.
- c. * Hairy this dog.
- d. * Dog hairy this.
- e. * Dog this hairy.

However, other languages have different rules. Japanese, for example, allows the following order:

akai kono booru (Japanese)
red this ball
'This red ball.'

Go to <http://sswl.railsplayground.net/>, and answer the following questions:

1.
 - (a) Click 'Search.' Select 'Language,' 'Property_Value,' and 'Example,' in the Show bar.
 - (b) Now, in the box labeled Select Property:Value Pair select 'Demonstrative Adjective Noun:Yes'
 - (c) Finally click 'Search.'

You see a list of languages which (like English) are "yes" for Demonstrative Adjective Noun.

Which languages are like English in this respect?

2. Which languages, unlike English, do not allow this order?
(Hint: Do the same search as above, but use 'Demonstrative Adjective Noun:No')
3. Click on one of the languages which do not allow that order. You should see a list of linguistic properties and their values on the right-hand side. Find the values for the following properties:
 - (a) Adjective Noun Demonstrative
 - (b) Adjective Demonstrative Noun
 - (c) Demonstrative Noun Adjective
 - (d) Noun Adjective Demonstrative
 - (e) Noun Demonstrative Adjective
4. Construct a set of phrase-structure rules for the language you have chosen.
5. Draw a tree for the rules you have constructed.

