Write up for week 7

The lesson went through pumping rules and how it is used for many things including adding in a preposition when it is not present in the utterance.

Added noun+det-lex-item to the grammar in singlish.tdl for the noun version of *this* and for *everything*. This type of lexical item has an empty spr list and functions like a noun with a filled SPR. This is used through the introduction of a lexical entry of *this* that is not the determiner but also a generic noun. As a result, constructions like *the cat eats this* can parse with this grammar. There is now a nice parallel between the two “this” - they both have \_this\_q\_rel but only the noun has \_thing\_n\_rel.

After the lesson, I added the similar entries for these, that and those. However, they have different number values, and this is not reflected by n+det-lex. The category has to be split into different types by number in order to register this distinction with SYNSEM.LOCAL.CONT.HOOK.INDEX.PNG.NUM #number. --> changed the n+det-lex to sg\_n+det-lex and pl\_n+det-lex. (changes made in qsg\_14.2)

The auxiliary be (with the lexical entry of “is”) was created for the experiential form to combine with verbs with the “-ing” suffix. However, since the lexical entry for the verb is underspecified in terms of what FORM it has, it is still able to combine with the auxiliary. In qsg\_14.2, a base form will be implemented for the lexical entries such that they cannot be considered to be a verb of prp FORM.

In an attempt to introduce the different forms of *be* for the copula, I added in

is-cop-lex := be-cop-lex &

[ SYNSEM.LOCAL.CONT.HOOK.INDEX.PNG [ NUM singular,

PER 3rd ]].

in singlish.tdl and introduced the in the lexicon an *is* copula that is of type is-cop-lex. However, it did not work and all constructions with the copula like *he is cute* no longer parse.