

## CG3 PRACTICAL EXERCISE 1 David Cabestany

For this exercise, we will use VISL's CG Lab: <https://visl.sdu.dk/cglab.htm>.

Given the sentence *He's adopted another blasted lame duck and has got him living here with him!*

1. Fill in the chart below with the meaning of the tags. Just check the tags in capital letters (part of speech and morphological tags). Mark which of the readings for each word form is the correct one in the given context.

	COMMENTS
"<he_>"	
"he" <sam-> <*> <masc> PERS MASC 3S NOM	Personal pronoun masculine 3rd person singular nominative case. ONLY reading.
"<_s>"	
"be" <-sam> V PR 3S	Verb present third person singular.
"we" <-sam> PERS 1P ACC	Personal pronoun first person plural accusative case.
"have" <-sam> V PR 3S	Verb present third person singular. SELECT
"<adopted>"	
"adopt" V PCP2 AKT	Verb participle active voice SELECT
"adopt" V PCP2 PAS	Verb participle passive voice
"adopt" V PCP2 STA	Verb participle stative
"adopt" V IMPF	Verb past
"<another>"	
"another" INDP S NOM	Independent Pronoun singular nominative
"another" DET S	Determiner pronoun singular SELECT
"<blasted>"	
"blasted" ADJ POS	Adjective possessive SELECT
"blast" <v.contact> V PCP2 AKT	Verb participle active voice
"blast" <v.contact> V PCP2 PAS	Verb participle passive voice
"blast" <v.contact> V PCP2 STA	Verb participle stative

"blast" <v.contact> V IMPF	Verb past
"<lame>"	
"lame" V PR -3S	Verb present all person but third
"lame" V INF	Verb infinitive
"lame" V IMP	Verb past
"lame" <jsick> ADJ POS	Adjective possessive SELECT
"lame" <cc> N S NOM	Noun singular Nominative
"<duck>"	
"duck" V PR -3S	Verb present all person but third
"duck" V INF	Verb infinitive
"duck" V IMP	Verb past
"duck" <Hprof> <comp2> N S NOM	Noun singular Nominative SELECT
"<and>"	
"and" KC	Coordinate Conjunction ONLY READING
"<has>"	
"have" V PR 3S	Verb present third person singular. ONLY READING
"<got>"	
"get" <va+DIR> <vta+DIR> <vtk+ADJ> V IMPF	Verb past tense SELECT
"get" <va+DIR> <vta+DIR> <vtk+ADJ> V PCP2 AKT	Verb participle active voice
"get" <va+DIR> <vta+DIR> <vtk+ADJ> V PCP2 PAS	Verb participle passive voice
"get" <va+DIR> <vta+DIR> <vtk+ADJ> V PCP2 STA	Verb participle stative
"<him>"	
"he" <masc> PERS MASC 3S ACC	Personal pronoun masculine 3rd person singular nominative case. ONLY reading.
"<living>"	
"living" <f-psych> <HH> <mon> <state> N S NOM	Noun singular nominative
"living" <jpert> <jppl> ADJ POS	Adjective possessive
"live" <va+LOC> V PCP1	Locative Verb participle SELECT
"living" <pcpl> ADJ POS	Adjective possessive
"living" <pcpl> N S NOM	Noun singular Nominative

"<here>"	
"here" <aloc> ADV	Adverb ONLY READING
"<with>"	
"with" PRP	Preposition ONLY READING
"<him>"	
"he" <masc> PERS MASC 3S ACC	Personal pronoun masculine third person singular accusative ONLY READING
"<\$!>"	
"!" PU <<< @PU	Punctuation ONLY READING

## 2. Develop a grammar to disambiguate the sentence as much as you can.

# Comment the grammar rules, describing them, give examples if needed...

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1 DELIMITERS = "<$,>" "<$!>" "<$?>" "<$\;>" "<$:>" "<$-->" "<$>" "<$start>" "<$START>";
2 MAPPING-PREFIX = @;
3
4 LIST V = V;
5 LIST COGN_V = <v-cog>;
6 LIST CONJ = KS KC;
7 LIST LET = "<let>";
8 LIST PRONOUN = PERS;
9 LIST ADJN = N ADJ;
10
11 CORRECTIONS
12 MAPPINGS
13 CONSTRAINTS
14
15 REMOVE PRONOUN IF (0 ("<_s>")) (NOT -1 LET);
16 REMOVE ("be") IF (0 ("<_s>")) (NOT 1 (ADJ) OR (N));
17 SELECT (PCP2 AKT) IF (-1 (V));

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18 SELECT (DET) IF (1 (ADJ) OR (N));  
19 SELECT (KS) IF (-2 COGN\_V) (\*1 (V) BARRIER CONJ);  
20 SELECT (ADJ) IF (-1 (DET));  
21 SELECT (ADJ) IF (-1 (ADJ) OR (N)) (1 (ADJ) OR (N));  
22 SELECT (N) IF (-1 (ADJ)) (NOT 1 (N));  
23 SELECT (V PCP1) IF (-1 PRONOUN);