# **CG3 PRACTICAL EXERCISE 1 David Cabestany**

For this exercise, we will use VISL's CG Lab:  [https://visl.sdu.dk/cglab.htm](https://beta.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" <pcp1> ADJ POS | Adjective possessive |
| "living" <pcp1> 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 |

1. **Develop a grammar to disambiguate the sentence as much as you can.   
   # Comment the grammar rules, describing them, give examples if needed...**

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));

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);