

## Appendix I: CLR Marker Dictionary

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/*****
/* file: HAIKU_clrmDICT.PL
/* version: August 12, 1997
/* author: Ken Barker
*****/

:- assert(haiku_version(12,8,97)).

/*****
/* clrmDict(connective, connective polarity,
/*          list of potential CLR's with associated example sentence
/*          and 'direction' flag (1 = syntactic arg1 is CLR arg1
/*          2 = syntactic arg2 is CLR arg1)
/*
/* In general, for coordinators the args are unordered. For
/* subordinators, the main clause is syntactic arg1 and the
/* subordinate clause is arg2.
/* In example sentences the CLR arg1 is capitalized, NOT the
/* syntactic arg1.
/* Ex:
/*   clrmDict(because,pos,
/*           [enab(2,'The printer works BECAUSE THE POWER IS ON.')] ).*/
*****/

clrmDict(after,pos,
         [prec(2,'We came AFTER THEY LEFT.')] ,
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    enab(2,'The printer can print AFTER THE PAPER TRAY IS FILLED']]}.
clrmdict(also,pos,
    [conj(1,'He was mean, ALSO he was ugly.')]).
clrmdict(although,neg,
    [detr(2,'He wouldn't come ALTHOUGH I ASKED HIM.')]).
clrmdict(and,pos,
    [conj(1,'He ate AND she drank.'),
    prec(1,'SHE READ FOR AN HOUR AND she went to bed.')]).
clrmdict(as,pos,
    [ctmp(1,'We were leaving AS they arrived.'),
    caus(2,'AS IT WAS GETTING LATE, we adjourned.'),
    enab(2,'The printer can print AS IT HAS POWER.'),
    entl(2,'AS THE FILE WAS PRINTED, the job must have run.'),
    prev(2,'AS THE JOB FAILED, the file was not printed.')]).
clrmdict(because,pos,
    [caus(2,'The program died BECAUSE THE MACHINE HAD NO MORE MEMORY.'),
    entl(2,'The job must have been killed BECAUSE THE LOG SHOWS IT.'),
    enab(2,'The printer should work BECAUSE THE POWER IS ON.'),
    prev(2,'The file did not print BECAUSE THE JOB FAILED.')]).
clrmdict(before,pos,
    [prec(1,'YOU'D BETTER BE GONE BEFORE I come.'),
    enab(1,'YOU MUST TURN ON THE COMPUTER BEFORE you can use it.')]).
clrmdict(but,neg,
    [prev(2,'We would attend BUT WE HAVE NO MONEY.'),
    enab(2,'The printer would not have printed BUT THE POWER WAS ON.'),
    detr(1,'WE HAVE NO MONEY BUT we will attend.')]).
clrmdict(considering,pos,
    [detr(2,'CONSIDERING SHE ARRIVED ONLY RECENTLY she is well
adjusted.'),
    prev(2,'CONSIDERING I HAVE NO MONEY I will be unable to attend.')]).
clrmdict('either-or',neg,
    [disj(1,'EITHER I will do homework OR I will watch television.'),
    prev(1,'EITHER give yourself up OR I will shoot.')]).
clrmdict(except,neg,
    [enab(2,'It would not have printed EXCEPT THE PROGRAM SUCCEEDED.'),
    prev(2,'We would attend EXCEPT WE HAVE NO MONEY.')]).
clrmdict(even_if,pos,
    [detr(2,'We will not attend EVEN IF WE ARE INVITED.')]).
clrmdict(for,pos,
    [caus(2,'The file did not print FOR THE JOB FAILED.'),
    enab(2,'The printer can print FOR IT HAS POWER.'),
    entl(2,'The file must have printed FOR THE JOB SUCCEEDED.'),
    prev(2,'The file must not have printed FOR THE JOB FAILED.')]).
clrmdict(if,pos,
    [prev(2,'IF THE POWER IS OFF, the printer won't work.'),
    enab(2,'IF THE POWER IS ON, the printer can be used.'),
    entl(2,'IF THE LIGHT IS ON, he must be home.')]).
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## Appendix II: Case Marker Dictionary

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/*****
/* file: HAIKU_cmDICT.PL
/* version: March 5, 1993
/* author: Ken Barker
/*****

:- assert(haiku_version(5,3,93)).

/*****
/* cmDict("CM word",
/*      "list of potential Cases with associated example sentence
/*      and 'commonness' flag (1 = common, 2 = uncommon)")
/*
/* Ex: cmDict(above,
/*      [lat(2,'He climbed ABOARD THE SHIP.')]])
/*****

/*      Prepositional and Positional Case Markers
*/

cmDict(above,
  [lat(2,'He climbed ABOARD THE SHIP.')]])
cmDict(about,
  [cont(1,'He wrote ABOUT MATHEMATICS.'),
  ltru(2,'He wandered ABOUT THE CITY this afternoon.'),
  lat(2,'The flowers were arranged ABOUT A SINGLE WHITE ROSE.')]])
cmDict(above,
  [lat(1,'Put the horseshoe ABOVE THE MANTLE.'),
  dir(1,'Look ABOVE THE CLOUDS.')]])

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cmDict(across,
  [lat(1,'I live in the house ACROSS THE RIVER.'),
   dir(1,'We walked ACROSS THE STREET to see.')] ).
cmDict(after,
  [ord(1,'File it AFTER THE ALPHABETIC ENTRIES.'),
   tat(1,'File it AFTER FIVE.'),
   lat(1,'He drove AFTER THE BUS.')] ).
cmDict(against,
  [opp(1,'She spoke AGAINST THE PROPOSAL.'),
   dir(1,'The rain beats AGAINST THE WINDOW.'),
   lat(1,'Mount the picture AGAINST A BLUE BACKGROUND.'),
   purp(2,'He is saving AGAINST RETIREMENT.')] ).
cmDict(ahead_of,
  [lat(1,'He stood AHEAD OF ALL THE OTHER PLAYERS.'),
   ord(1,'She finished AHEAD OF THE REST OF THE CLASS.')] ).
cmDict(along,
  [lat(1,'We stood ALONG THE BANK as the boat went by.'),
   ltru(1,'He ran ALONG THE RIVER to the bridge.')] ).
cmDict(alongside,
  [lat(2,'The tug came ALONGSIDE THE LINER.')] ).
cmDict(amid,
  [lat(2,'He stood AMID THE GUESTS at the party.')] ).
cmDict(amidst,
  [lat(2,'He stood AMIDST THE GUESTS at the party.')] ).
cmDict(among,
  [lat(1,'Stand AMONG US or you''ll be volunteered.'),
   acmp(1,'Divide it AMONG THEM.')] ).
cmDict(amongst,
  [lat(1,'Stand AMONGST US or you''ll be chosen.'),
   acmp(1,'Divide it AMONGST THEM.')] ).
cmDict(apart_from,
  [excl(1,'APART FROM THAT, what is left to do?')] ).
cmDict(around,
  [ltru(1,'We walked AROUND THE COURTYARD sightseeing.')] ).
cmDict(as,
  [manr(1,'She acted AS MY AGENT in Europe last year.')] ).
cmDict(as_of,
  [tfrm(2,'The system is up AS OF YESTERDAY.')] ).
cmDict(aside_from,
  [excl(2,'ASIDE FROM THAT, what is left to do?')] ).
cmDict(at,
  [dir(1,'The deer ran right AT THE HUNTERS.'),
   lat(1,'I stood AT THE DOOR.'),
   tat(1,'The convict will be executed AT HIGH NOON.'),
   manr(1,'The car moves AT HIGH SPEED.'),
   cont(1,'She is good AT ARTS.'),
   meas(1,'It stopped AT FIFTY.'),
   caus(1,'She was amazed AT HIS GALL.')] ).
cmDict(atop,
  [lat(2,'Place the book ATOP THE BUREAU.')] ).
cmDict(bar,
  [excl(2,'He is the best BAR NONE.')] ).
cmDict(barring,
  [excl(2,'He is the best BARRING NONE.')] ).
cmDict(before,
  [ord(1,'This goes BEFORE THAT.'),
   tat(1,'This was BEFORE WW II.'),
   lat(2,'Stand BEFORE ME.')] ).
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## Appendix III: NMR Marker Dictionary

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/*****
/* file: HAIKU_nmrDict.PL
/* version: July 3, 1997
/* author: Blazej Szpakowicz
/*****

:- assert(haiku_version(3,7,97)).

/*****
/* nmrDict(marker, list of potential NMRS)
/*
/* Ex: nmrDict(for,
/*          [benf('printer for students'),
/*          purp('printer for theses')]).
/*****

nmrDict(about,
  [loc('flowers about a gravestone'),
   top('book about Kennedy')]).
nmrDict(according_to,
  [caus('order according_to importance'),
   src('the gospel according_to Mark')]).
nmrDict(across,
  [loc('trip across the lake')]).
nmrDict(after,
  [loc('the file after the A's'),
   time('life after death')]).
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nmrmDict(against,
  [loc('back against the wall'),
   dest('travel against the wind'),
   obj('protection against the cold'),
   top('protest against the government')]).
nmrmDict(ahead_of,
  [loc('a position ahead_of one''s rivals'),
   time('arrival ahead_of expectations')]).
nmrmDict(aimed_at,
  [dest('arrow aimed_at a target')]).
nmrmDict(along,
  [loc('a walk along the river'),
   top('research along certain lines')]).
nmrmDict(amid,
  [loc('a man amid the crowd'),
   time('peace amid the fighting')]).
nmrmDict(amidst,
  [loc('land amidst the water'),
   time('a battle amidst a war')]).
nmrmDict(among,
  [agt('action among the community'),
   loc('cat among the pigeons'),
   src('a view among critics')]).
nmrmDict(amongst,
  [agt('a movement amongst the natives'),
   loc('weeds amongst the flowers'),
   src('belief amongst the people')]).
nmrmDict(at,
  [caus('anger at his reply'),
   dest('shot at a foe'),
   loc('house at the border'),
   stat('country at war'),
   time('meal at night'),
   top('master at chess')]).
nmrmDict(based_on,
  [caus('friendship based_on money'),
   src('film based_on a book')]).
nmrmDict(because_of,
  [caus('acquittal because_of a technicality')]).
nmrmDict(behind,
  [loc('garden behind a house')]).
nmrmDict(beside,
  [loc('ditch beside the road')]).
nmrmDict(between,
  [agt('war between countries'),
   loc('a passageway between rooms'),
   poss('secret between friends')]).
nmrmDict(beyond,
  [loc('a building beyond a field'),
   prop('courage beyond measure')]).
nmrmDict(by,
  [agt('assault by the military'),
   caus('death by asphyxiation'),
   inst('trial by jury'),
   loc('tree by the fence'),
   src('a film by Spielberg')]).
nmrmDict(concerning,
  [top('a pamphlet concerning elections')]).
...

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