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TCA4.LSP: W. D. Johnson 10/19 Revision of Larry Birnbaum's CA4.Mul. 8/19
To Punctions which are used in the actions of requests
Thois is used in the actions of requests to spawn hew requests.
"Request pool is tied to the con atom
(OF ACTIVATE (REQS)
  (LET (RED (MAKE-REQUESTS REVS))
   (CDNO Linew-CDN
                                Toneck if 1024-CON has been set
          (PUTPRUR 19E4-COM REQ 'ASSOC-REQS)1)
   (ACTIVATE-PUDG REQ)
"Intended for use mainly in the actions of special: requests (those which
"test for some particular word), to alter the sense of some other word;
(OF ADD-10-WUKD-SEASE (REQS)
  (SEÎQ :EXTRA-REJUESTŠ (APPEND :EXTRA-REDUESTS (MAKE-REDUESTS REDS)
Replaces the definition of the next word with REDS
(DE CHANGE-NEXT-WURD-SENSE (REOS)
    (SKIP-MEXI-WURD)
    (SETQ :EXTRA-REQUESTS (APPERD :EXTRA-REQUESTS (MAKE-REQUESTS REQS)
~dais is the only way to get a request into the :59821Ab⇒900b;
COM ACTIVATE-LEXICAL-REDS (REQS)
  JUCES-DACIAZO: 6 9USSTUS)
           (APPEND (MAKE-REQUESTS REQS) (GET 0:LEXICAL-POOL @REQUESTS))
           BREDJESTST
"In addition to killing specifically named requests, it can take as special
Targuments the atoms SEWF and REST-UF-POOL.
^{2}REQUEST is a variable local to COMSIDER but free here; its value is the name
"of the the regiast who's actions are presently being evaluated.
^{2}POUL is a variable local to COOSIDER-POOL but free here; its value is the
"name of the request pool corrently being considered.
(DE KIUU (REQS)
  (MAPC (EUND (R)
          (CDN) I(EQ R VSEUF) (PUTPROP REQUEST NIG VACTIVE);
                L(E) R BREST-UP-PODL)
                 (X) AUEMAD) SGAM)
                         (PUTPRUP X HILL BACTIVE))
                       (GÉT POUL aREQUESTS));
                IT (PUTPRUP R NIL GACTIVE))))
        REUSI
Tapp-pulyay is used to build an atomized dummy structure and place it on the
Tadifulst. The structure can then be used as an argument to PRECEDES and
"ศีบันน์มีฟร, and also Aud-Cมพ์;
"gdeGrsr is often treated as a stack, so most recent item is at the front.
                                                 (pnanged MB-11/8/79)
(NUC) YMMUD-DUBA BC)
  (LEEF (CON (BOLLD-CD A(NIL) NIL NIL))
        (SETÝ :CHUIST (ČDAS CDA :CHUIST))
        COVI
"Kibu-Dummy deletes a dummy which was previously created for marking
ourposes
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(YEEROC) YEROU-101X BC)
 (SEP) : C-DIST (REMOVE DUMMY : C-DIST)
ADD-CDN is used to outld an alonized CO structure and place it on the
:CALLST; it takes four (optional) arguments:
the first must evaluate to a legal CD conceptualization,
 namely the one which is to be atomized and placed on the :C#418fi
The second nust evaluate to a list of pairs of the form (PAPH CD);
 the CD will be atomized and placed at the end of the path in
 the Structure built by the first argument.
The third argument must evaluate to a list of pairs of the form (PAIH1 PAIH2);
 the CD at the end of PATHI replaces the CD at the end of PATH2 in the
 structure built by the tirst argument.
it there is no fourth argument, then the new 20 is placed on the end (=tront)
of the :C-blSf. If there is a fourth argument, then it must evaluate to a
during marker on the :C-bist, which dets its value set to the value of the
new ID. The value returned is the name of the atom on the :C-bist.
Note: (change by Mb 11/8/19)
:CFGIST is usu, searched in "most recent first" order, so the conceptual:
"and" of the :ChlSr is actually the front of the list for efficiency.
(X) NUC-COR X3C)
  (GET (CON ATPR
        CUNCEPT (EVAL (CAR X))
        FILLERS (EVAL (CADR X))
        EQUIVALENCES (EVAL (CAUDR X))
        DUMAY (EVAL (CADODE X)))
        (SET) INEW-COM (BUILD-CO CONCEPT FILHERS EQUIVAGENCES))
        (COND [DUAMY (SET DOLARY (EARY IMEN-CDA)) DIAMAT
              TE (SETO :CHUISE (COMS !NEW-CON :C-DISE))
                 11867-30811
TRIBU-GAP puts Franck at the end of PAIN in Co.
Traince this is usually called
^{*7}winen fluber has been tound on the :C-blST, one of the functions of flub-GAP
Thus to remove fidues trom the {	imes C-0.1ST}_{oldsymbol{i}} unless the item is important to memory.
* Items are no longer removed from the :C-ulsr, just marked EMBEDDED (Mb 11/9)
(DE PARG-GAP (PARG CO FARRER)
        (SET-GAP PATH CD FINLER) ~ adds path if heeded
To Save the subject or focus of the clause on the act built.
        (CUND (CAMP | CONCEPT CO) [PRECEDES FIGHER CD])
               (PUT CO (REALCOM PILLER) ACOMPOPICDI)
        (SETO : GAST-EMBEDDED-CON FILHER)
    Assume nemory wants to know about everything. (see change above)
        CCDND
∸.
         TIARCACA BARATAR BARATABEL FULL
                                          Thenory wants to know about concepts
                                          "and PP's
              (FEATURE PULLBER 199)
                                         "and possibly time
              (FEATURE FALLER "TIME))
          (PMSG 'FIGH-GAP I "Embedding " FIGHER " in " CD)
          (PUTEROR (REALCON FILEER) CD 'EMBEDDED)
          (PUTPRIA PINUER CD 'EMBEDDED) I
         TE (SEED : C-61SE (REMOVE FIGHER : C-61SE))
* shouldn't need this
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O Š the filler in the TCDPY-GAP embeds a copy of the filler in th [DE] cupy-GAP (Para Co Filher)
T(LET [NEWCON (ADD-CON (ATDM-EVAC FILHER)]
T(PUTPROP NEWCOM FILHER "REAUCOM)
TETEL-GAP PARA CO MEMODAL

corresponding gaps in ... nemory tokens (Egoals, plans) ... (this in in PREDS.LSP) correspondin Jodates fill ر. C Parh in nemory coken (it any) I SET-GAP (PAIH CO FIGUER) (SET-ROLG-FIGUER PAIH CO FIGUER) (FIGUE-WEM-GAPS PAIH CO FIGUER)) t che end 3 FILLIER puts SEL-GAP 3C)

ra Fore c: e o reates content C((ZNC))) e Delist and the semantic " COMZ " INEO " CDW1) COW1) (CDR (AFOM-EVAL