File created: 15-Jun-90 11:39:57 **{DSK}<usr>local>lde>lispcore>internal>library>ARSREPORT.;2**

changes to: (VARS ARSREPORTCOMS)

previous date: 23-Mar-87 13:47:08 {DSK}<usr>local>lde>lispcore>internal>library>ARSREPORT.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

;;

```
(RPAQQ ARSREPORTCOMS ((FNS AR.REPORT ARS.GET.NUM.LIST ARS.REPORT.DRIVER ARS.REPORT.GEN.AR.LIST
                              ARS.REPORT.GEN.NEW ARS.REPORT.GET.NUM.LIST ARS.REPORT.GET.TDSINFO
                              ARS.REPORT.PROCESS.TDSINFO)
                         (VARS ARS.BUG.LASTMONTH.RELEASED.BACKLOG ARS.BUG.LASTMONTH.UNRELEASED.BACKLOG
                               ARS.FEATURE.LASTMONTH.BACKLOG ARS.HACKERS ARS.TESTERS)))

(DEFINEQ

(AR.REPORT
  [LAMBDA (START# END# TDS-VERSION-LIST STARTDATE ENDDATE FORMWINDOW SCRATCHDIR)
                                                                 ; Edited 23-Mar-87 11:20 by shw:

    ;; Main driver for the monthly AR report.

    ;; START# is the starting AR number to report on

    ;; END# is the ending AR# to report on

    ;; TDS-VERSION-LIST is a list of versions of the TDS-PROCESSED file

    ;; STARTDATE is the starting date as a string, e.g. "16-FEB-87" or "12 JAN 96"

    ;; ENDDATE  is the starting date as a string, e.g. "16-FEB-87" or "12 JAN 96"

    ;; FORMWINDOW is the MAIN window of an AR (we suggest using WHICHW)

    ;; SCRATCHDIR is a directory/host to use for scratch files.  Defaults to {DSK}.

    (ARS.REPORT.DRIVER START# END# (for VERSION inside TDS-VERSION-LIST
                                       collect (if (EQ VERSION ’LISPARS.TDS)
                                                   then ’{ERIS}<LISPARS>LISPARS.TDS
                                                 else (PACKFILENAME ’VERSION VERSION ’BODY
                                                             "{ERIS}<LISPARS>LISPARS.TDS-PROCESSED")))
           (IDATE (CONCAT STARTDATE " 00:00:00"))
           (IDATE (CONCAT ENDDATE " 00:00:00"))
           FORMWINDOW SCRATCHDIR])

(ARS.GET.NUM.LIST
  [LAMBDA (QFORM)                                                (* ckj " 4-Jun-86 18:25")
    (PROG (NUMS)
          [AR.INDEX.DATA.CONTEXT QFORM (SETQ NUMS (for ALIST in (WINDOWPROP QFORM ’AR.ENTRY.ALIST)
                                                      collect (AR.GET.ENTRY.NUM (CAR ALIST]
          (RETURN NUMS])

(ARS.REPORT.DRIVER
  [LAMBDA (STARTING.NUM ENDING.NUM TDS.LIST STARTDATE ENDDATE FORMWINDOW SCRATCHDIR)
                                                                 ; Edited 24-Feb-87 17:23 by jds
    (SETQ ARS.NEW (ARS.REPORT.GEN.AR.LIST STARTING.NUM ENDING.NUM))
    (SETQ TDS.FEATURES.SERVICED (for X in TDS.LIST collect (ARS.REPORT.PROCESS.TDSINFO (ARS.REPORT.GET.TDSINFO
                                                                                         X)
                                                                 STARTDATE ENDDATE)))
    (SETQ ARS.FEATURES.SERVICED NIL)
    (for X in TDS.FEATURES.SERVICED do (SETQ ARS.FEATURES.SERVICED (APPEND ARS.FEATURES.SERVICED X)))
    (ARS.REPORT.GEN.NEW STARTING.NUM ENDING.NUM ARS.FEATURES.SERVICED FORMWINDOW SCRATCHDIR])

(ARS.REPORT.GEN.AR.LIST
  [LAMBDA (START.NUM END.NUM)                                    (* ckj "30-May-86 16:38")
    (SETQ AR.LIST (for X from START.NUM to END.NUM collect X))
    (PROG ((NEXT.NUM START.NUM)
           ARDONEFLG)
          (do (COND
                 ((EQP NEXT.NUM END.NUM)
                  (SETQ ARDONEFLG T)))
              [COND
                 ([NLSETQ (SETQ ARSTREAM (OPENSTREAM (AR.FILENAME NEXT.NUM)
                                                ’INPUT
                                                ’OLD]
                  (CLOSEF ARSTREAM)
                  (SETQ NEXT.NUM (ADD1 NEXT.NUM)))
                 (T (DREMOVE NEXT.NUM AR.LIST)
                    (SETQ NEXT.NUM (ADD1 NEXT.NUM]
             until (OR ARDONEFLG))
          (RETURN AR.LIST])
```

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(ARS.REPORT.GEN.NEW
  [LAMBDA (START.NUM END.NUM FORMWINDOW FIXED.LIST)                ; Edited 13-Mar-87 13:26 by shw:
    (PROG ((REPORT.INDEX '{DSK}REPORT-AR.INDEX)
           TXT REPORTWINDOW AR.QWINDOW ARS.NEW.OPEN ARS.NEW.UNSCREENED ARS.NEW.DECLINED ARS.NEW.FIXED
           ARS.NEW.SUPERSEDED ARS.NEW.INCOMPLETE ARS.NEW.OBSOLETE ARS.NEW.FEATURE ARS.NEW.UNRELEASED.FEATURE
           ARS.NEW.UNASSIGNED ARS.NEW.WISH ARS.SERVICED.FEATURES ARS.NEW.TOTAL ARS.OPEN.TOTAL
           ARS.ABSOLUTELY.TOTAL ARS.SUBMITTED.BETA ARS.SUBMITTED.HACKERS ARS.SUBMITTED.TESTERS)
          (AR.INDEX.CREATE REPORT.INDEX)
          [SETQ AR.QWINDOW (CREATEW '(0 0 200 100]
          (AR.QFORM.GROUP.CREATE REPORT.INDEX AR.QWINDOW)
          (DISMISS 10000)
          (AR.INDEX.UPDATE AR.QWINDOW ARS.NEW)
          (CLOSEW AR.QWINDOW)
          [SETQ AR.QWINDOW (CREATEW '(0 0 200 100]
          (AR.QFORM.CREATE REPORT.INDEX AR.QWINDOW)
          (DISMISS 10000)
          (AR.QUERY AR.QWINDOW '(Status%: IS Open))
          (SETQ ARS.NEW.OPEN (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(Status%: IS New))
          (SETQ ARS.NEW.UNSCREENED (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(Status%: IS Declined))
          (SETQ ARS.NEW.DECLINED (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(Status%: IS Fixed))
          (SETQ ARS.NEW.FIXED (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(Status%: IS Superseded))
          (SETQ ARS.NEW.SUPERSEDED (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(Status%: IS Incomplete))
          (SETQ ARS.NEW.INCOMPLETE (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(Status%: IS Obsolete))
          (SETQ ARS.NEW.OBSOLETE (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(Status%: IS Wish))
          (SETQ ARS.NEW.WISH (ARS.GET.NUM.LIST AR.QWINDOW))
          (AR.QUERY AR.QWINDOW '(In/By%: HAS BETA))
          (SETQ ARS.SUBMITTED.BETA (ARS.GET.NUM.LIST AR.QWINDOW))
          [AR.QUERY AR.QWINDOW (APPEND '(OR)
                                      (for HACKER in ARS.HACKERS collect (APPEND '(Submitter%: HAS)
                                                                                 (LIST HACKER]
          (SETQ ARS.SUBMITTED.HACKERS (ARS.GET.NUM.LIST AR.QWINDOW))
          [AR.QUERY AR.QWINDOW (APPEND '(OR)
                                      (for TESTER in ARS.TESTERS collect (APPEND '(Submitter%: HAS)
                                                                                 (LIST TESTER]
          (SETQ ARS.SUBMITTED.TESTERS (ARS.GET.NUM.LIST AR.QWINDOW))
          [AR.QUERY AR.QWINDOW '(AND (OR (Subject%: HAS want)
                                         (|Problem Type:| IS Feature))
                                     (Status%: IS Open]
          (SETQ ARS.NEW.FEATURE (APPEND ARS.NEW.FEATURE (ARS.GET.NUM.LIST AR.QWINDOW)))
          (AR.QUERY AR.QWINDOW '(AND (OR (Subject%: HAS want)
                                         (|Problem Type:| IS Feature))
                                     (Status%: IS New))
                 (SETQ ARS.NEW.UNRELEASED.FEATURE (ARS.GET.NUM.LIST AR.QWINDOW)))
          [AR.QUERY AR.QWINDOW '(AND (Status%: IS Open)
                                     (Attn%: HAS lisp]
          (SETQ ARS.NEW.UNASSIGNED (ARS.GET.NUM.LIST AR.QWINDOW))
          [AR.QUERY AR.QWINDOW '(AND (Status%: IS Open)
                                     (Attn%: IS NIL]
          (SETQ ARS.NEW.UNASSIGNED (APPEND ARS.NEW.UNASSIGNED (ARS.GET.NUM.LIST AR.QWINDOW)))
          (CLOSEW AR.QWINDOW)
          (DELFILE REPORT.INDEX)
          [SETQ AR.QWINDOW (CREATEW '(0 0 200 100]
          (AR.QFORM.GROUP.CREATE REPORT.INDEX AR.QWINDOW)
          (DISMISS 10000)
          (AR.INDEX.UPDATE AR.QWINDOW FIXED.LIST)
          (CLOSEW AR.QWINDOW)
          [SETQ AR.QWINDOW (CREATEW '(0 0 200 100]
          (AR.QFORM.CREATE REPORT.INDEX AR.QWINDOW)
          (DISMISS 10000)
          [AR.QUERY AR.QWINDOW '(OR (Subject%: HAS want)
                                    (|Problem Type:| IS Feature]
          (SETQ ARS.SERVICED.FEATURES (APPEND ARS.SERVICED.FEATURES (ARS.GET.NUM.LIST AR.QWINDOW)))
          [SETQ REPORTWINDOW (CREATEW '(400 0 400 200]
          (CLOSEW AR.QWINDOW)
          (SETQ TXT (OPENTEXTSTREAM "" REPORTWINDOW NIL NIL (LIST 'FONT LAFITEEDITORFONT)))
          (PRINTOUT TXT "FIRST AR OF MONTH:" START.NUM " LAST AR OF MONTH:" END.NUM " NUMBER OF NEW ARS:"
                 (FLENGTH ARS.NEW)
                 " NUMBER OF ARS ACCEPTED:"
                 (PLUS (FLENGTH ARS.NEW.FIXED)
                       (DIFFERENCE (FLENGTH ARS.NEW.OPEN)
                              (FLENGTH ARS.NEW.FEATURE)))
                 " NUMBER OF ARS REJECTED:"
                 (PLUS (FLENGTH ARS.NEW.DECLINED)
                       (FLENGTH ARS.NEW.SUPERSEDED)
                       (FLENGTH ARS.NEW.INCOMPLETE)
                       (FLENGTH ARS.NEW.OBSOLETE))
                 " NUMBER OF UNSCREENED ARS:"
                 (FLENGTH ARS.NEW.UNSCREENED)
                 " NUMBER OF FEATURE REQUESTS SUBMITTED:"
                 (PLUS (FLENGTH ARS.NEW.FEATURE)
                      (FLENGTH ARS.NEW.WISH))
                 " NUMBER OF UNASSIGNED ARS:"
                 (FLENGTH ARS.NEW.UNASSIGNED)
                 " NUMBER OF FIXED ARS:"
                 (FLENGTH ARS.NEW.FIXED)
                 " NUMBER OF SERVICED FEATURE REQUESTS:"
                 (FLENGTH ARS.SERVICED.FEATURES)
                 T)
          [SETQ AR.QWINDOW (CREATEW '(0 0 200 100]
          (AR.QFORM.CREATE '{ERIS}<LISPARS>AR.INDEX AR.QWINDOW)
          (DISMISS 10000)
          [AR.QUERY AR.QWINDOW '(AND (Status%: IS New)
                                     (NOT (|Problem Type:| IS Feature]
          (SETQ ARS.NEW.TOTAL (ARS.GET.NUM.LIST AR.QWINDOW))
          [AR.QUERY AR.QWINDOW '(AND (Status%: IS Open)
                                     (NOT (|Problem Type:| IS Feature]
          (SETQ ARS.OPEN.TOTAL (ARS.GET.NUM.LIST AR.QWINDOW))
          [AR.QUERY AR.QWINDOW '(AND (Priority%: IS Absolutely)
                                     (OR (Status%: IS New)
                                         (Status%: IS Open]
          (SETQ ARS.ABSOLUTELY.TOTAL (ARS.GET.NUM.LIST AR.QWINDOW))
          (CLOSEW AR.QWINDOW)
          [SETQ FINALREPORTWINDOW (CREATEW '(450 0 400 200]
          (SETQ TXT (OPENTEXTSTREAM "" FINALREPORTWINDOW NIL NIL (LIST 'FONT LAFITEEDITORFONT)))
          [PRINTOUT TXT T T .TAB 30 ">>month<< Action Request Data Base Report" T T ">>lastmonth<< Unreleased
                 Backlog:" .TAB 40 ARS.BUG.LASTMONTH.UNRELEASED.BACKLOG T ">>lastmonth<< Released Backlog:" .TAB
                 40 ARS.BUG.LASTMONTH.RELEASED.BACKLOG T ">>month<< Submissions:" .TAB 40 (IDIFFERENCE END.NUM
                                                                                                 START.NUM)
                 T "Rejected:" .TAB 40 (PLUS (FLENGTH ARS.NEW.DECLINED)
                                             (FLENGTH ARS.NEW.SUPERSEDED)
                                             (FLENGTH ARS.NEW.INCOMPLETE)
                                             (FLENGTH ARS.NEW.OBSOLETE))
                 T "Feature Requests:" .TAB 40 (PLUS (FLENGTH ARS.NEW.UNRELEASED.FEATURE)
                                                     (FLENGTH ARS.NEW.FEATURE))
                 T "Fixed:" .TAB 40 (FLENGTH ARS.NEW.FIXED)
                 T "Submitted by Beta Test sites:" .TAB 40 (FLENGTH ARS.SUBMITTED.BETA)
                 T "Submitted by Development:" .TAB 40 (FLENGTH ARS.SUBMITTED.HACKERS)
                 T "Submitted by Testing:" .TAB 40 (FLENGTH ARS.SUBMITTED.TESTERS)
                 T "Total (Open/New) ARs marked Absolutely:" .TAB 40 (FLENGTH ARS.ABSOLUTELY.TOTAL)
                 T "Total Open (Released) ARs:" .TAB 40 (FLENGTH ARS.OPEN.TOTAL)
                 T "Total New (Unreleased) ARs" .TAB 40 (FLENGTH ARS.NEW.TOTAL)
                 T T T T .TAB 30 ">>month<< Feature Request Report" T T ">>lastmonth<< Features Backlog:" .TAB
                 40 ARS.FEATURE.LASTMONTH.BACKLOG T "Feature Requests Submitted:" .TAB 40 (PLUS (FLENGTH
                                                                                       ARS.NEW.UNRELEASED.FEATURE
                                                                                                       )
                                                                                                (FLENGTH
                                                                                                 ARS.NEW.FEATURE
                                                                                                       ))
                 T "Feature Requests Serviced:" .TAB 40 (FLENGTH ARS.SERVICED.FEATURES)
                 T ">>month<< Features Backlog:" .TAB 40 (PLUS ARS.FEATURE.LASTMONTH.BACKLOG
                                                               (IDIFFERENCE (PLUS (FLENGTH
                                                                                       ARS.NEW.UNRELEASED.FEATURE
                                                                                         )
                                                                                  (FLENGTH ARS.NEW.FEATURE))
                                                                      (FLENGTH ARS.SERVICED.FEATURES]
          [SETQ ARS.BUG.LASTMONTH.RELEASED.BACKLOG (PLUS ARS.BUG.LASTMONTH.RELEASED.BACKLOG (IDIFFERENCE
                                                                                             (FLENGTH
                                                                                                    ARS.NEW.OPEN
                                                                                                    )
                                                                                             (FLENGTH
                                                                                                ARS.NEW.FEATURE
                                                                                                    ]
          (SETQ ARS.FEATURE.LASTMONTH.BACKLOG (PLUS ARS.FEATURE.LASTMONTH.BACKLOG (IDIFFERENCE
                                                                                   (PLUS (FLENGTH
                                                                                              ARS.NEW.FEATURE)
                                                                                         (FLENGTH ARS.NEW.WISH))
                                                                                   (FLENGTH
                                                                                          ARS.SERVICED.FEATURES]
)

(ARS.REPORT.GET.NUM.LIST
  [LAMBDA (QFORM)                                                  (* ckj "30-May-86 16:33")
    (PROG (NUMS)
          [AR.INDEX.DATA.CONTEXT QFORM (SETQ NUMS (for ALIST in (WINDOWPROP QFORM 'AR.ENTRY.ALIST)
                                                     collect (AR.GET.ENTRY.NUM (CAR ALIST]
          (RETURN NUMS])

(ARS.REPORT.GET.TDSINFO
  [LAMBDA (FILENAME)                                               ; Edited  3-Feb-87 16:14 by shw:
    (PROG ((FILE (OPENSTREAM FILENAME 'INPUT 'OLD))
           TDSLIST)
          (SETQ TDSLIST (while (FILEPOS "  --  " FILE NIL NIL NIL T) bind ARLIST
                           when [LISTP (SETQ ARLIST (PROGN (READ FILE FILERDTBL] collect ARLIST))
          (CLOSEF FILE)
          (RETURN TDSLIST])

(ARS.REPORT.PROCESS.TDSINFO
  [LAMBDA (TDSLIST TDS.STARTDATE TDS.ENDDATE)                      (* edited%: "24-Jul-86 17:13")
    (PROG (TDSTEMP TXT ARS.OLD.FEATURE ARS.OLD.FIXED ARS.OLD.SERVICED ARS.OLD.SUPERSEDED ARS.OLD.OBSOLETE
                 ARS.OLD.DECLINED ARS.OLD.INCOMPLETE)
          (SETQ TDSTEMP (for X in TDSLIST when (NOT (FMEMB 'SUBMIT X)) collect (CDR X)))
          (SETQ TDSTEMP (for X in TDSTEMP when [AND (LEQ TDS.STARTDATE (IDATE (CONCAT (CADADR X)
                                                                                 " 00:00:00")))
                                                   (GREATERP TDS.ENDDATE (IDATE (CONCAT (CADADR X)
                                                                                    " 00:00:00"]
                           collect X))
          (SETQ TDSTEMP (for X in TDSTEMP when (NOT (MEMB (CAR X)
                                                         ARS.NEW))
                           collect X))
          (SORT TDSTEMP T)
          (for X in TDSTEMP do (COND
                                 [(STRPOS "->Feature" X)
                                  (SETQ ARS.OLD.FEATURE (APPEND ARS.OLD.FEATURE (LIST (CAR X]
                                 [(STRPOS "Wish->Fixed" X)
                                  (SETQ ARS.OLD.SERVICED (APPEND ARS.OLD.SERVICED (LIST (CAR X]
                                 [(STRPOS "->Fixed" X)
                                  (SETQ ARS.OLD.FIXED (APPEND ARS.OLD.FIXED (LIST (CAR X]
                                 [(STRPOS "->Superseded" X)
                                  (SETQ ARS.OLD.SUPERSEDED (APPEND ARS.OLD.SUPERSEDED (LIST (CAR X]
                                 [(STRPOS "->Obsolete" X)
                                  (SETQ ARS.OLD.OBSOLETE (APPEND ARS.OLD.OBSOLETE (LIST (CAR X]
                                 [(STRPOS "->Declined" X)
                                  (SETQ ARS.OLD.DECLINED (APPEND ARS.OLD.DECLINED (LIST (CAR X]
                                 [(STRPOS "->Incomplete" X)
                                  (SETQ ARS.OLD.INCOMPLETE (APPEND ARS.OLD.INCOMPLETE (LIST (CAR X]
                                 (T)))
          [SETQ REPORTWINDOW (CREATEW '(200 0 400 200]
          (SETQ TXT (OPENTEXTSTREAM "" REPORTWINDOW NIL NIL (LIST 'FONT LAFITEEDITORFONT)))
          (PRINTOUT TXT "STARTING DATE:" TDS.STARTDATE " ENDING DATE:" TDS.ENDDATE " NUMBER OF FEATURE OLD
                 ARS:" (FLENGTH ARS.OLD.FEATURE)
                 " " ARS.OLD.FEATURE " NUMBER OF FEATURE REQUESTS SERVICED:" (FLENGTH ARS.OLD.SERVICED)
                 " " ARS.OLD.SERVICED " NUMBER OF FIXED OLD ARS:" (FLENGTH ARS.OLD.FIXED)
                 " " ARS.OLD.FIXED " NUMBER OF SUPERSEDED OLD ARS:" (FLENGTH ARS.OLD.SUPERSEDED)
                 " " ARS.OLD.SUPERSEDED " NUMBER OF OBSOLETE OLD ARS:" (FLENGTH ARS.OLD.OBSOLETE)
                 " " ARS.OLD.OBSOLETE " NUMBER OF DECLINED OLD ARS:" (FLENGTH ARS.OLD.DECLINED)
                 " " ARS.OLD.DECLINED " NUMBER OF INCOMPLETE OLD ARS:" (FLENGTH ARS.OLD.INCOMPLETE)
                 " " ARS.OLD.INCOMPLETE)
          (RETURN ARS.OLD.FIXED])

)

(RPAQQ ARS.BUG.LASTMONTH.RELEASED.BACKLOG 0)

(RPAQQ ARS.BUG.LASTMONTH.UNRELEASED.BACKLOG 0)

(RPAQQ ARS.FEATURE.LASTMONTH.BACKLOG -4)

(RPAQQ ARS.HACKERS (Bane Burton Charnley Daniels Fischer Jellinek Lanning Masinter Murage Pavel Pedersen
                          Santosa Shih Sybalsky vanMelle Woz))

(RPAQQ ARS.TESTERS (Blum Cate3 Kelley Lew Rhoades Wilkie))

(PUTPROPS ARSREPORT COPYRIGHT ("Venue & Xerox Corporation" 1986 1987 1990))
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{MEDLEY}<internal>ARSREPORT.;1   28-Jun-2024 18:34:03

-- Listed on 30-Jun-2024 13:12:30 --

FUNCTION INDEX

VARIABLE INDEX