WALKFILES

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SUMMARY

WALKFILES is a facility for searching loaded files for arbitrary objects. It complements MasterScope, in that it can do some things that MasterScope can't (like looking for arbitrary substrings in functions); other things Masterscope can do as well or better. WALKFILES does not require an analysis of the files prior to action.

DESCRIPTION

(WALKFILES *pattern file{s} editcommands confirmflg quietflg filepackagetypes*)   [Function]

Invokes WALKDEFS on all the objects on each *file{s}* of the types given in *filepackagetypes*. If *file{s}* is NIL, the value fo FILELST is used. If *filepackagetypes* is NIL, all the filepackage types in PRETTYTYPELST are used.

(WALKDEFS *pattern name{s} filepkgtype editcommands confirmflg quietflg*)   [Function]

Walks over the *filepkgtype* definition of each name in *name{s}* looking for *pattern*. Pattern can be anything acceptable to EDITFINDP. For each occurrence, first prints the name (unless *quietflg = T*) and then prints the occurrence if *editcommands* is NIL, or invokes the editor in interactive mode if *editcommands* is T (asking for confirmation if *confirmflg = T*) , or applies *editcommands* to the name and *filepkgtype* if *editcommands* is a function, or otherwise invokes the editor with *editcommands*.

EXAMPLES

(WALKFILES 'elseif 'MYFILE T)   [Example]

Brings up the editor on every definition in MYFILE which contains the symbol elseif.

(WALKFILES 'FOO)   [Example]

Prints every occurence of any symbols with FOO as a substring in every definition in any file in FILELST.

(LET (THEFNS)   [Example]
    (WALKFILES '(*ANY* FOO BAR) NIL '(LAMBDA (FN) (PUSH THEFNS FN)) NIL T 'FNS)
    THEFNS)

Collects all functions containing either the symbol BAR or any symbols with FOO as a substring on every file in FILELST.