**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 occurrence 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.