NAME

mbm_makedatalist – Macro to generate a datalist of the swath files in a specified directory.

VERSION

Version 5.0

SYNOPSIS

mbm_makedatalist [**–I***directory* **–O***datalist* **–H –V**]

DESCRIPTION

Mbm_makedatalist is a macro to generate an MB-System datalist file referencing all identifiable swath files in the specified target directory.

The output datalist will be placed in the current working directory. The output datalist is named datalist.mb-1 by default, but can be specified with the **–O** option. If no target directory is specified with the **–I** option, then the current working directory is used. In order for swath files to be recognized and included in the datalist, they must conform to the MB-System swath file naming convention (see the **mbsystem** manual page for details).

AUTHORSHIP

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OPTIONS

–H This "help" flag cause the program to print out a description of its operation and then exit immediately.

–I *directory*
Sets the path of the target directory.

–O *datalist*
Sets the name of the output datalist file. Default: datalist.mb-1

–V The **–V** option causes **mbm_makedatalist** to print out status messages.

EXAMPLES

Suppose we have a set of swath files in a directory and we want to construct a datalist referring to those files. A simple directory listing shows four files:

```
20051019_154030.mb88
20051019_162540.mb88
20051019_171756.mb88
junk.txt
```

of which three are identifiable as swath files because of the ".mb88" file suffix. Running **mbm_makedatalist** in this directory with no arguments other than verbosity:

```
mbm_makedatalist –V
```

produces a datalist file named datalist.mb-1. The contents of this file are:

```
./20051019_154030.mb88 88
./20051019_162540.mb88 88
./20051019_171756.mb88 88
```

where the file junk.txt has been ignored.

SEE ALSO

mbsystem(1), **mbdatalist**(1), **mbinfo**(1)

BUGS

This macro doesn't yet recognize when one swath file derives from another (e.g. line1p.mb57 can be inferred to be a processed version of line1.mb57).