FDB_english

COLLABORATORS

	TITLE : FDB_english		
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

FDB_english

1.1 FDB_english.guide

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FDB - Documentation
*******************
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1.2 FDB_english.guide/Copyright

```
Copyright
*********
```

   FDB (C) 1993-94 kMel, Klaus Melchior

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1.3 FDB_english.guide/Description

What is FDB ?
****

   FDB & UDB are based on find/updatedb-utilities from Larry Phillips
and Martin Steppler. If you already have installed them it is easy to
use my tools, because they are compatible. I use the same kind of
database.

   - UDB generates a database in a directory "FindDB:", which you must
     first assign to some place on your harddisk. It scans all
     directories and files specified in the file "FindDB:<db>.config".
     This file must contain only one line; pathnames are separated by
     spaces, e.g.:

         Filename   Contents
         -----------------   -----------------------
         FindDB:find.config -> Work: Sys:
         FindDB:test.config -> RAM:
         FindDB:<db>.config -> <path> <path> ...

   To avoid paths you can define a 'AP=AvoidPaths' pattern in this
   line. You only have to set a '~' (tilde) at the begin of the
   pattern. There should be only one in the line.

   If you would scan the "S:" and the "man:" directory, without all
   "guide" drawers, generate following line:

         Filename   Contents
         -------------------   -----------------------

```
        FindDB:test2.config  ->  S: ~(#?guide/) man:
```

    <db> is the name of the database. So you can have several
    databases in your "FindDB:", e.g. one of the last Fish-CD, one of
    all your Sources, ... Default of <db> is "find", like Larry's
    find.

    Furhermore, udb provides scanning of several paths without having
    to create a <db>.config file. You can simply specify the paths in
    the command line, e.g.:

```
        udb db test RAM: SYS:
```

    This leads to the consecutive scanning of "RAM:" and "SYS:". The
    names of all files and dirs are stored in the database "test".

  - FDB finds quickly files/dirs by using these databases.

    If your are looking for a file on an already scanned CDROM, you
    only have to specify the name of the database and the filename,
    e.g. you want to locate 'ToolManager' on the last
    'FreshFish'-CDROM:

```
        fdb db fresh03 ToolManager
```

    If you don't know where to find 'ToolManager' in your databases,
    select all databases while typing:

```
        fdb db #? ToolManager
```

  - LDB lists the files/dirs in the specified database.

1.4 FDB_english.guide/Arguments

```
CLI arguments
*************

UDB
===

Paths/M
    paths to scan; if no paths are specified, <db>.config is used

DB=DataBase/K
    specify a database, default is "find"

AP=AvoidPaths/K
    specify a pattern, which _expanded_ paths should not be scanned,
    e.g.: use "#?guide/" to avoid the "3.x:s/guide/" path

FDB
===

P=Pattern/A
```

```
        amiga-pattern, is used between two "#?", so a pattern like "foo" is
        really "#?foo#?", seen at Larry's find.

DB=DataBase/K
        specify a database, default is "find"; if here a pattern is used,
        FDB look into "FindDB:" and if the pattern match, these databases
        are scanned.

E=Exact/S
        the pattern at 'P=Pattern/A' is used exactly the way you specified
        it and is not expanded to "#?<pattern>#?".

CS=CaseSensitive/S
        the pattern is handled casesensitive

D=Dirs/S
        only show directories

F=Files/S
        only show files

NH=NoHead/S
        no headers are displayed, entries are not sorted

NP=NoPath/S
        no absolute pathnames are displayed

PG=PAGES/S
        the output is handled in pages, 'return' to continue, other key &
        'return' to break

LDB
===

DB=DataBase/A
        specify a database, default is "find"
```

1.5 FDB_english.guide/Requirements

```
What you need !
***************

    - Kickstart >= 2.0

    - Workbench >= 2.0
```

1.6 FDB_english.guide/Installation

```
How to install
**************
```

    You could create a drawer like "finddb" and set an assign "FindDB:"
on it. All tools of FDB are requiring this assign, so you have to
create it. Every of the <db>.config and <db>.codes files are stored
there.

    You should create a line in your "user-startup" like this:

      "assign FindDB: Work:finddb/"

    Copy the "bin/" files to a place where you already have a path on,
normally this is "C:" or "bin:".

      copy bin/#? C:

1.7 FDB_english.guide/Limitations

```
This is limited !
*****************

UDB
===
```

    - commandline in "<db>.config" is limited to 1023 bytes, only one
      line

```
FDB
===
```

    - found path & filename are limited to 1023 characters

```
LDB
===
```

    - path & filename are limited to 1023 characters

1.8 FDB_english.guide/History

```
History of FDB
**************
```

      1.0 12.12.93 * first public release

           31.12.93 + fdb: added 'P=PAGES' mode
      1.1   * private release

           07.02.94 + fdb: rewrote find routine in assembler

           08.02.94 + fdb: mode 'E=EXACT': locating with "MatchPattern"
                     - fdb: corrected bug, break wasn't recognized at

```
                                   startup (Andreas Harrenberg)
                     - fdb: corrected template & doc, 'NH=NoHead'
                           (Gottfried Janik)
                     - fdb: corrected bug, break at mode 'P=PAGES' was
                           recognized too late

        09.02.94   - doc corrected (Martin Steppler)
                   - udb: corrected bug, break wasn't recognized at
                         startup (Andreas Harrenberg)

  1.2   10.02.94   * release

        03.03.94   - fdb: corrected bug with ReadArgs()
                   - udb: corrected bug with ReadArgs()

        08.03.94   + udb: rearranged source for better error handling
                   + udb: added option 'AV=AvoidPaths', a pattern of paths
                         not to scan (Thomas Kobler)
                   > ldb: created

        19.03.94   + doc rewritten in texinfo
                   + release contains now doc & guide file

        21.03.94   > german documentation
                   + fdb: now 'DB=DataBase/K' can contain a pattern to
                         select several databases (a spezi from bavaria)

        25.03.94   - german doc corrected (Andreas Harrenberg)
                   - ldb: 'DB=DataBase/K' changed into 'DB=DataBase/A'
                         (Andreas Harrenberg)
                   + udb: 'AP=AvoidPaths' could also be set in the
                         <db>.config (Andreas Harrenberg)

        27.03.94   - doc corrections (Martin Steppler)

  1.3   30.03.94   * release
```

1.9 FDB_english.guide/ToDo

```
What is to do in future ?
*************************

   - ENV-variable "FINDDB" = default homepath of config/codes-files

   - UDB: softlinks

   - FDB: sorted lists

   - FDB: MUI-Application

   - LDB: 'P=PATH/M' - define paths, which should only be listed

   - check if 'DB=DataBase' option contains a path for databases
```

```
   - define a extended database format to store name, size, date

   - create program to convert AmiBack index files to databases

   - FDB:  only load parts of <db>.codes file in case of low memory
     situations

   - installer script
```

1.10 FDB_english.guide/Versions

```
Version of files
****************

    FDB 1.188     13112 Bytes
    LDB 1.0        9044 Bytes
    UDB 1.32      11444 Bytes
```

1.11 FDB_english.guide/Examples

```
Example database
****************

   The database of the CDROM 'AMINET_0693' of June 1993 is included in
this distribution.

    FindDB/Aminet.config         12 bytes
    FindDB/Aminet.codes      154876 bytes

   For example, if you are looking for ToolManager on this CDROM, you
only have to type in following line:

    fdb toolmanager db aminet

   And this is the answer FDB gives you:

    Directories
    -----------
    - No matches found -

    Files
    -----
    AMINET_0693:AMINET/OS20/WB/TOOLMANAGER2_0.LHA
    AMINET_0693:AMINET/OS20/WB/TOOLMANAGER2_0.README
```

1.12 FDB_english.guide/Credits

```
Thanks are going to ...
***********************

   - Martin Steppler, Andreas Harrenberg for testing & doc-corrections

   - Stefan Stuntz, Stefan Becker for his TM.texi

   - Gottfried Janik for testing

   - Joerg Gutzke, Thomas Kobler, Dirk Ludwig

   - OIC / M.Dillon for Dice

   - Ibi for special support

   - and all I forgot to mention ...
```

1.13 FDB_english.guide/Index

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Index
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