

FDB_english

COLLABORATORS

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|---------------|-------------------------------|--------------------|------------------|
| | <i>TITLE :</i> FDB_english | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
| WRITTEN BY | | September 19, 2022 | |

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| NUMBER | DATE | DESCRIPTION | NAME |
|--------|------|-------------|------|
| | | | |

Contents

| | | |
|----------|--------------------------------|----------|
| 1 | FDB_english | 1 |
| 1.1 | FDB_english.guide | 1 |
| 1.2 | FDB_english.guide/Copyright | 2 |
| 1.3 | FDB_english.guide/Description | 2 |
| 1.4 | FDB_english.guide/Arguments | 4 |
| 1.5 | FDB_english.guide/Requirements | 5 |
| 1.6 | FDB_english.guide/Installation | 5 |
| 1.7 | FDB_english.guide/Limitations | 5 |
| 1.8 | FDB_english.guide/History | 6 |
| 1.9 | FDB_english.guide/ToDo | 7 |
| 1.10 | FDB_english.guide/Versions | 7 |
| 1.11 | FDB_english.guide/Examples | 7 |
| 1.12 | FDB_english.guide/Credits | 8 |
| 1.13 | FDB_english.guide/Index | 8 |

Chapter 1

FDB_english

1.1 FDB_english.guide

FDB - Documentation

Read first:

Copyright
Copyright and disclaimer

Description
What is FDB ?

Arguments
Options to set

Requirements
What you need !

Installation
How to install

Limitations
This is limited !

Appendices:

History
History of FDB

ToDo
What is to do in future ?

Versions
Version of files

| | |
|----------|-------------------------|
| Examples | Example database |
| Credits | Thanks are going to ... |
| Index | Index of this document |

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 Steppeler)
1.3 30.03.94 * release

1.9 FDB_english.guide/ToDo

What is to do in future ?

- ENV-variable "FINDDDB" = default hompath 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

Index

Arguments

Arguments

assign

Installation

| | |
|------------------|--------------|
| Authors address | Copyright |
| Bug reports | Copyright |
| CLI arguments | Arguments |
| Comments | Copyright |
| Copyright | Copyright |
| Credits | Credits |
| Description | Description |
| Distribution | Copyright |
| E-Mail | Copyright |
| Example database | Examples |
| Examples | Examples |
| FDB | Description |
| FDB arguments | Arguments |
| FindBD: | Installation |
| GiftWare | Copyright |
| History | History |
| Installation | Installation |
| LDB | Description |
| LDB arguments | Arguments |

Limitations

Limitations

Requirements

Requirements

Thanks

Credits

ToDo

ToDo

UDB

Description

UDB arguments

Arguments

Versions

Versions