

**FDB\_english**

**COLLABORATORS**

	<i>TITLE :</i> FDB_english		
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# 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

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Examples	Example database
Credits	Thanks are going to ...
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## 1.2 FDB\_english.guide/Copyright

Copyright  
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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

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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

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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  
===

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- 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

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- 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 ?

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- 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

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

## 1.11 FDB\_english.guide/Examples

Example database

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The database of the CDROM 'AMINET\_0693' of June 1993 is included in this distribution.

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```
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 ...

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- 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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Arguments

Arguments

assign

Installation

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Limitations

Limitations

Requirements

Requirements

Thanks

Credits

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ToDo

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Versions

---