jDiskIndexer v3.0

Contents

1. ¿What is jDiskIndexer?

Have you ever wanted someday to find an old file, you have more than 20 discs and you don't know in which one of these your file is so, all you have to do is go inserting each disc on your drive and try to find in each folder within the disc, try finding it using your slow file seacher and with the worst luck, you didn't found the file.

Or have you searched a file in your local drive but Windows file searcher doesn't show where is it because it's a system file or just, it hasn't indexed it yet.

jDiskIndexer is a FREE, open source GNU application, written in Java that came to give an effective solution to these problems. With it you can index a storage unit like a hard drive, CD, DVD, flash memory, whatever you want then, browse or search in that index or, search at the same time in all your indexes so you can know exactly where your file is without having the indexed storage unit at hand.

If you index your hard drive frequently (it can take up to 5 minutes in 160GB+ drives), you can search files in the index and get results in 5 seconds aprox. (on a 30 MB size index). This means that, in major DVDs indexes searches gives results instantly, the search duration will vary depending on the index size.

jDiskIndexer doesn't require setup, it's portable so, you can take it on the go and use it anywhere you want.

2. System Requirements

All you need to run jDiskIndexer is tha Java Virtual Machine (JVM) installed, you can get it here: http://www.java.com/en/download/ or just google it. jDiskIndexer was developed in Windows so there may be compatibility issues with Unix based OS. It will be fully compatible with them in future versions.

3. Starting jDiskIndexer

To start jDiskIndexer run this on the console / terminal:

```
java -jar jDiskIndexer.jar
```

For Windows users the jDiskIndexer.bat file is included to run the above command automatically, just by opening it. If it doesn't work you may need to reinstall Java Virtual Machine again (JVM) again.

Generally, jDiskIndexer runs from console / shell or in Windows with the included .bat file so, there will be a main window and a console / terminal window that will show jDiskIndexer messages about procedures it does and debugging messages. By this version, those messages are available in english only.

4. Main Window:

jDiskIndexer's main window have two parts, the toolbar where you will find everything you need to start searching, browsing, do basic configuration and results page navigating. In the other hand is the navigation panel where, depending on the program context, will vary. Now let's begin explaining each part:

- **Toolbar:**

The toolbar have buttons to open and make indexes, choose the unit where the indexed storage unit is, language choosing, index search, browsing and buttons for navigating results pages.
Depending on the program context, some buttons may not be available for usage.

- **Navigation Panel:**

The navigation panel have 4 important contexts to learn: start page without indexes, start page with indexes, query results and index browsing.

- ○ **Start Page without indexes:**

Welcome to jDiskIndexer!

To begin you can search on all the indexes below at the same time, open an existing indexed volume file (*.vol) or start indexing a storage unit.

There are no indexes yet. Please copy your indexes in _D:/jDiskIndexer/vol_ directory or make new indexes.

Opening an indexed volume:

Click on the 🗔 Open button, then choose the file you will use.

Indexing a volume:

Click on the 💾 Index button to make it on the volume indexing window.

Language Select:

Choose from the 🌐 Language list your desired language.

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The start page shows a brief explanation of the most used commands to start working. jDiskIndexer have an index directory where you can search for files in all the indexes that are saved there at the same time, with only one query. Because there's no indexes yet, there will be a blue square with a message about it. If you clic the direction the blue message shows, you will open the index directory so you can copy indexes if you
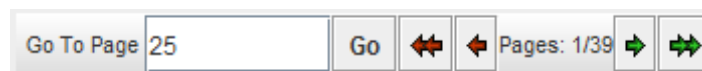
already have.

- ○ **Start page with indexes:**

This is actually the same start page explained above, but this one have indexes. You can go on searching your files with one query in all those indexes or, click in the index name to open and browse it.

- ○ **Query Results:**

You can start searching files or browsing indexes here:

You can navigate through results pages here:
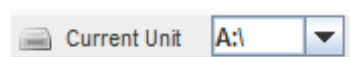
Query Results:

Volume	Name	Address
FraBA0209	Main.java	A:/DATA/W/BubbleSorting/src/bubblesorting/
FraBA0209	ven.java	A:/DATA/W/BubbleSorting/src/bubblesorting/
FraBA0209	Burbuja.java	A:/DATA/W/Burbuja/src/
FRAMAIN07	$editorClass$.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	ColorManager.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	IXMLColorConstants.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	NonRuleBasedDamagerRepairer.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	TagRule.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	XMLConfiguration.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	XMLDocumentProvider.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	XMLDoubleClickStrategy.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja
FRAMAIN07	XMLPartitionScanner.java	A:/FRAMAIN/EXE/ECLIPSE/plugins/org.eclipse.pde.ui_3.0.0/templates/editor/ja

In *Volume* appears the label of the indexed storage unit, in *Name* you can read the file's name, if it's a directory it will say DIR. In *Address* is shown the directory in the storage unit where the file is. If you have access to the storage unit where the file is you can select the unit's symbol (root) here:

so, you now can click on the file's name or directory to open it on your OS file browser and access it.

To go back to the start page, click *Start Page* in the right upper corner in the navigation panel.

- ○ **Index browsing:**

jDiskIndexer can let you browse an index like you would do in your storage unit.

Browsing /Archivos/J/ in 'A:'

Name	Extension
⤺ Parent Directory	Directory
📁 BIN	Directory
📁 DEMO	Directory
📁 DOCS	Directory
📁 EXAMEN	Directory
📁 EXPO	Directory
📁 W	Directory
📊 tiposvivienda05-08.xls	.xls
📊 tiposvivienda2005.xls	.xls
📊 tiposvivienda2008.xls	.xls

If you click a directory folder, you will browse it's contents. If you choose the unit symbol where the indexed storage unit is, you can clic a file to open it. If you want to open the folder you are viewing in your storage unit, you must click the direction that appears in *"* **Browsing … in …** *"* where the firsts '**…**' are the directory you are viewing.
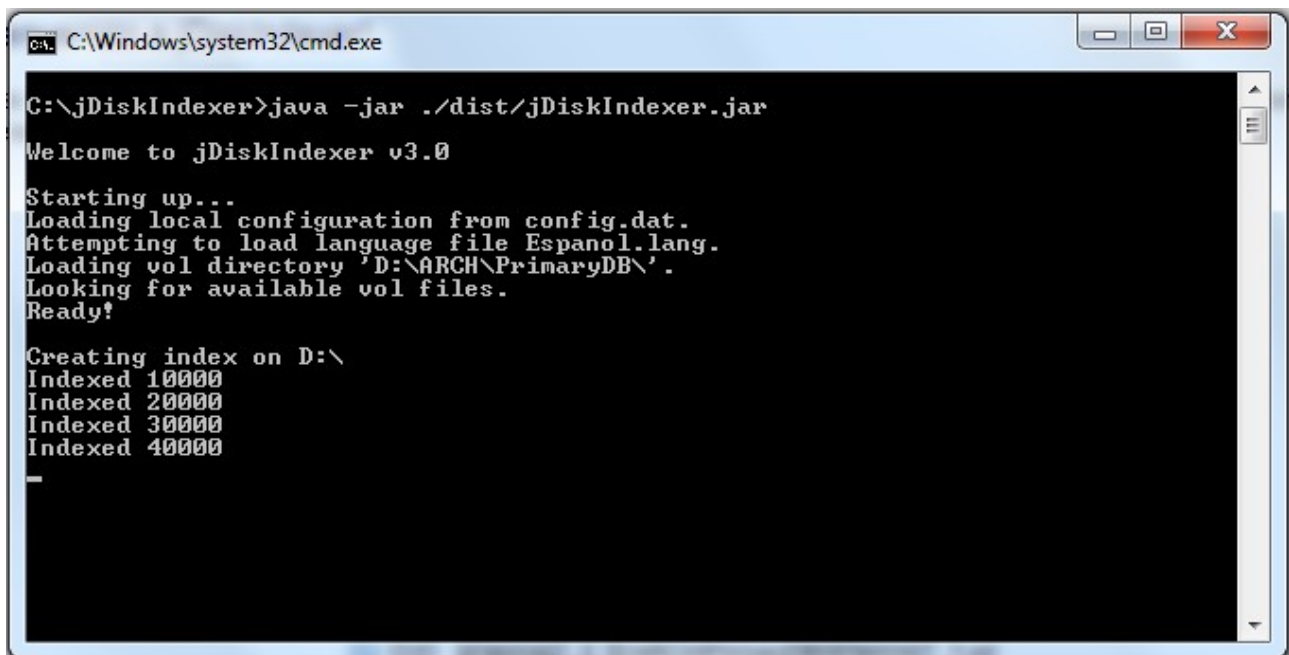
5. Making an index

To index a storage unit, click the *Index* button in the toolbar to open the indexing window:
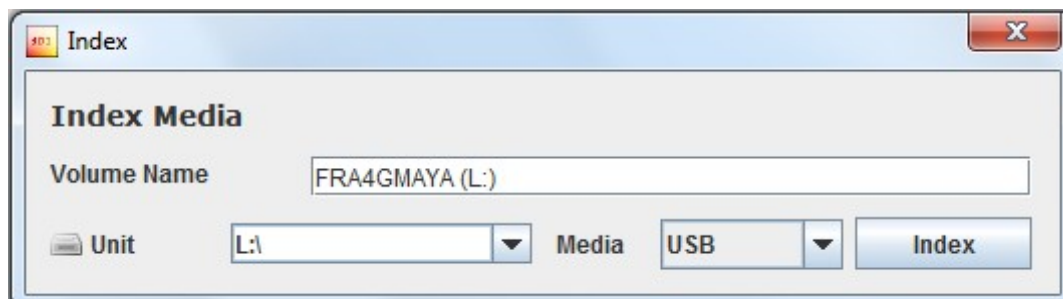
When you choose from the unit's list one of the available units in your equip, you will automatically see in the *Volume Name* field it's name, in *Media* you must select the corresponding storage media (CD, DVD, Hard Drive, etc).

When you click the *Index* button, it will ask you where you will save the index. By default you will see the indexes */vol* directory within jDiskIndexer's directory. All indexes that are saved in that directory can be searched with just one query at the start page.

When finishing choosing where to save the index, jDiskIndexer will start making it, you can watch the progress in the console / shell by viewing the indexed file counter message, that appears each 10000 indexed files:

```
C:\Windows\system32\cmd.exe

C:\jDiskIndexer>java -jar ./dist/jDiskIndexer.jar

Welcome to jDiskIndexer v3.0

Starting up...
Loading local configuration from config.dat.
Attempting to load language file Espanol.lang.
Loading vol directory 'D:\ARCH\PrimaryDB\'.
Looking for available vol files.
Ready!

Creating index on D:\
Indexed 10000
Indexed 20000
Indexed 30000
Indexed 40000
_
```

When the index is made, you will be asked if you want to open it, if you don't open it you will return to the *Start Page* where it will update the available indexes list (if you saved it in the */vol* directory). If you open it you will start browsing it.

6. Configuring jDiskIndexer

To begin you can change the *Language* in the toolbar.

In the *config.dat* file in the jDiskIndexer's directory, is saved all configuration data. By default the file contains this:

```
[Language]
Espanol.lang

[VolDir]
Default
```

If you wish to, you can use a another directory instead of */vol* to put the indexes you want to search at the same time, however, this is experimental and may have bugs. In order to do so, in the line below `[VolDir]`, change `Default` for the directory you like to use:

```
[Language]
Espanol.lang

[VolDir]
C:\ARCH\PrimaryDB\
```

Don't forget '\' at the end of the address. If jDiskIndexer have errors at starting, try it again, if doesn't work, try another directory or finally, delete *config.dat* to let jDiskIndexer make a new one.

7. Add or modify the file's extension images

jDiskIndexer can show icons when browsing or viewing results images for the files according to their extension. jdiskIndexer includes icons included in the following icon packs:

Silk Icon Set 1.3 - Mark James
http://www.famfamfam.com/lab/icons/silk/

Mini Pixel Icons - IconDock
http://icondock.com/free/mini-pixel-icons

Special thanks for their work.

However, if you want different icons or, add icons for files which their extension is no available, you can do it. For file icons, in the */res/ext* directory of jDiskIndexer save the image you want as '*EXTENSION.png*' where *EXTENSION* is the file extension the image represents. Size must be 16x16. Image name must be written in lowercase. For example you can look at the images at */res/ext* in PNG format.
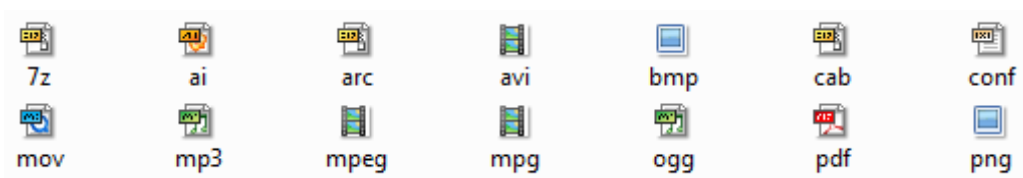
In other folders inside */res* you will find drive icons (*/drv*), folders and files without extension (*/sys*) y and Start Page icons (*/gui*). To change Main Window (GUI) icons you must change the ones inside the jDiskIndexer .jar executable file or download the source code, modify them, then build jDiskIndexer with Netbeans IDE.

8. Contribute, Feedback and Support

To send feedback, new features you want and to get support, e-mail me at fbarias89@gmail.com. I will try to answer you sooner.

If you want to contribute, the best way is by donating some money. You can find the button to donate through PayPal in http://fbarias.blogspot.com.

Annex:

Usage recommendations for effective use

With the following recommendations you will effectively use jDiskIndexer in the way it's meant to.

1. When you are going to index a disk, often it will show in the *Volume Name* in the Indexing window "My Disc" or other name that your CD/DVD burning software uses by default. Always try to write in *Volume Name* the label or ID you must write in the disc surface with a special pen.

2. By doing it this way, when you search for files, in the query results in *Volume* you will see the storage unit label / ID in which the file is so, all you have to do is find the disc that have such label / ID in order to access that file.

3. Make periodically a backup of your indexes because if they are deleted by some reason, you can recover them.

I hope you will enjoy jDiskIndexer like I do. *Never search your files disk by disk again!*

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