jMultiFilesAndDirsCopy is my first java swing desktop application.
I'm a j2ee developer so my naturally UI is the web and not the desktop.
To learn more about java desktop programming I'm developing this application.

With **jMultiFilesAndDirsCopy** you can copy multiple files to multiple dirs and much more.
Take a look at my future plans for it.

This application is now donationware with no ads for your own pourposes. Please, if you use this software
in your job consider to send a donation (€ or $) to the author; thanks for your support.

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Any damages to your systems are not responsabilities of the author of this piece of software.
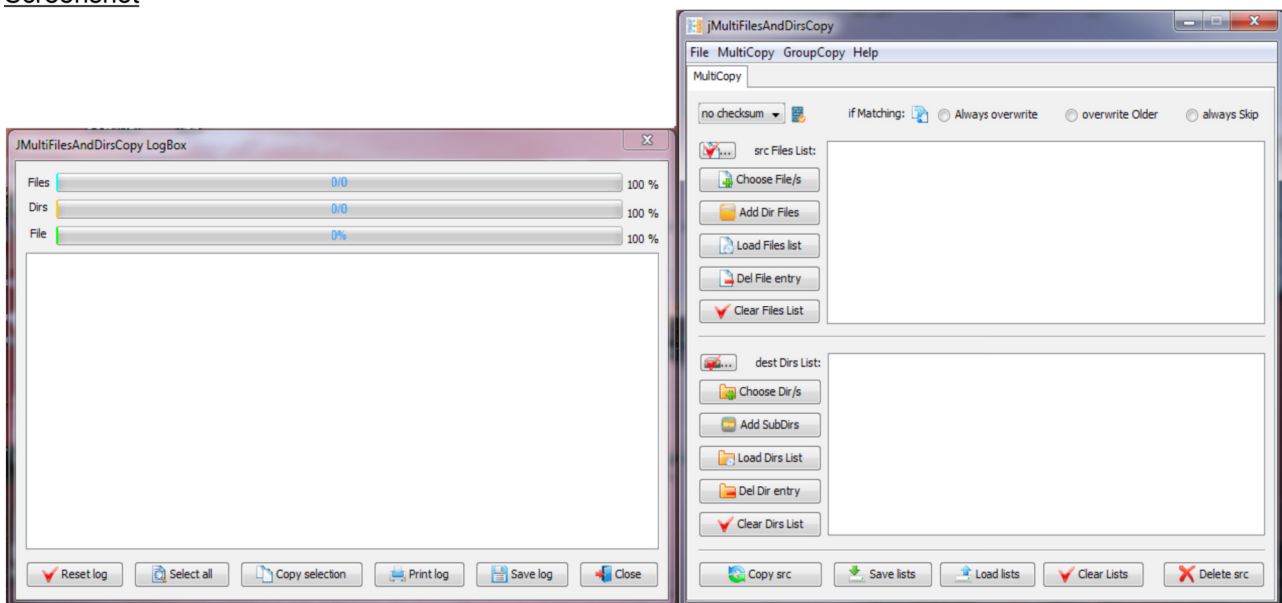
Requirements   Tools used

- a Windows modern OS system   - NetBeans 7
- jre 1.7.x already installed   - jdk 1.7.x
- a screen resolution of almost 800x600   - Look&Feel as OS standard

Screenshot

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(sorry if I can't answer to all the emails received because they are too many).

Version history:

v 0.9.0.0
 initial release

- TAB1: MultiCopy	*
copy multiple files to multiple dirs	*
win version	*
handles overwrite/matching of files	*
multi files selection	*
multi dirs selection	*
delete src files from disk	*
clear files list	*
clear dirs list	*
right mouse context menu inside lists	*
delete single file entry from list	*
delete single dir entry from llist	*
launch single file entry from list	*
view contents of single dir entry from list	*

- separate log window	*
shows start and end time operations	*
print log window content	*
clear log window content	*
copy selected log window content to clipboard	*
close/open window on user needs	*

- extra dialogs	*
shows confirmation dialogs	*
shows error dialogs	*

v 0.9.1.0
Minor update release
a. added:
- files and dirs progress bar indicator in the log window
- import and export of files list from/to xml file
- import and export of dirs list from/to xml file
- import and export of both files and dirs lists from/to xml file
- some button tooltips for helping users

b. fixed:
- text scrolling in log window now follows operations in progress.

v 0.9.2.0 – 0.9.8.0
internal releases only.

v 0.9.9.0
Minor update release
a. added:
- current file progress bar indicator in the log window (waiting for large files)
- import and export of files list from/to txt file
- import and export of dirs list from/to txt file
- import and export of both files and dirs lists from/to txt file
- load all files of a selected dir in files list (only first level, not the complete subtree)
- load all subdirs of a selected dir in dir list (only first level, not the complete subtree)
- some GUI re-organization

b. fixed:
- xml loading messages to Log window and to user on the screen.

v 0.9.9.1
Minor update release
a. added:
- add drag'n drop support for files list (files and/or dirs of files)
- add drag'n drop support for dirs list (only dirs without subdirs)
- add selection filters to files chooser dialog window
- add alternate lines colors to both dirs and files lists
- add system icon to every entries in both files and dirs
- some GUI enhancement, decorations and re-organization

b. fixed:
- better mouse selction handler for files and dirs lists
- GUI LookAndFeel set finally to OS Standard

v 1.0.0.0
Minor update release
a. added:
- cmd line args support for batch use (ex. Inside your preferred tasks scheduler system)
- shutdown pc command support (for batch and for direct copy)
- checksum control for every copy (5 algorithms supported: crc32, md5, sha1, sha256, sha512)
- checksum support in cmd line args too
- checksum for a single src file via right mouse button menu in files list
- new menu "MultiCopy" for extra commands
- shows destination disks space (total and available)
- shows source files total dimension
- checks destination disks space before copy (files matches not considered, only total files)
- save log window contents as txt file (even as cmd line arg) for report
- new menu "GroupCopy" for MultiGroupsCopy" support (also via cmd line args) with xml file only
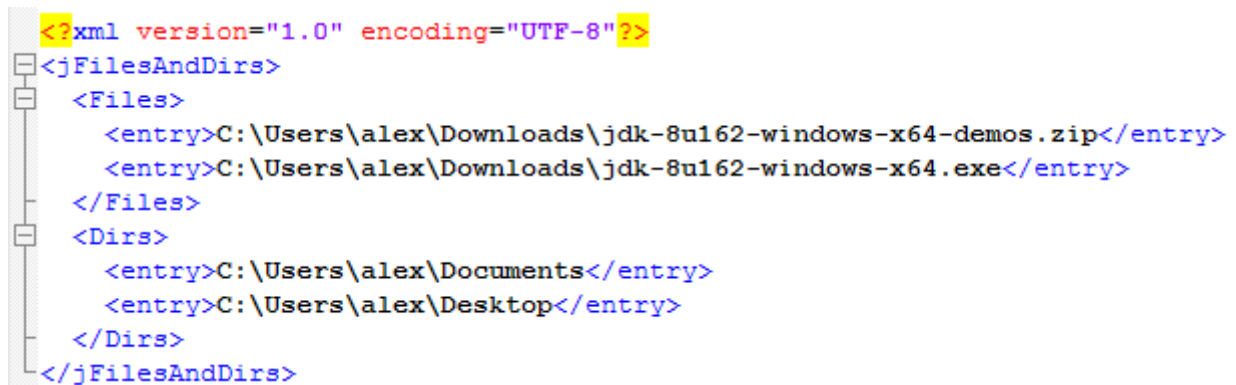
b. fixed:
- copy speed improvement
- replace gui app icon and systray app icon (instead of the java defaults)
- lists are now auto-ordered
- more actions write into log window

NOTE :

- you can use OS multiselect keys (CTRL or SHIFT) inside files and dirs request dialog box;

- both xml and txt file format can be created with the gui button "Save lists" in the middle bottom of the gui and opened with your preferred Notepad alike program (I'm using Notepad++, for example).

A couple of examples of the simple xml and txt file format follow.

1. xml file format (real example):

```xml
<?xml version="1.0" encoding="UTF-8"?>
<jFilesAndDirs>
    <Files>
        <entry>C:\Users\alex\Downloads\jdk-8u162-windows-x64-demos.zip</entry>
        <entry>C:\Users\alex\Downloads\jdk-8u162-windows-x64.exe</entry>
    </Files>
    <Dirs>
        <entry>C:\Users\alex\Documents</entry>
        <entry>C:\Users\alex\Desktop</entry>
    </Dirs>
</jFilesAndDirs>
```

2. txt file format (same example) always in UTF-8:

```
Files
C:\Users\alex\Downloads\jdk-8u162-windows-x64-demos.zip
C:\Users\alex\Downloads\jdk-8u162-windows-x64.exe
Dirs
C:\Users\alex\Documents
C:\Users\alex\Desktop
```

3. xml file in MultiGroups format (GroupCopy) – [handmade, can't be generated by the application] :

```xml
<?xml version="1.0" encoding="UTF-8"?>
<jFilesAndDirs>
    <Group>
        <Files>
            <entry>C:\Users\alex\Downloads\jdk-8u162-windows-x64-demos.zip</entry>
            <entry>C:\Users\alex\Downloads\jdk-8u162-windows-x64.exe</entry>
        </Files>
        <Dirs>
            <entry>C:\Users\alex\Documents</entry>
            <entry>C:\Users\alex\Desktop</entry>
        </Dirs>
    </Group>
    <Group>
        <Files>
            <entry>C:\Program Files (x86)\jMultiFilesAndDirsCopy\screenshot.jpg</entry>
            <entry>C:\Program Files (x86)\jMultiFilesAndDirsCopy\jMFaDC___MultiCopy___icon.ico</entry>
        </Files>
        <Dirs>
            <entry>C:\Users\alex\Documents</entry>
            <entry>C:\Users\alex\Downloads</entry>
        </Dirs>
    </Group>
</jFilesAndDirs>
```

CMD LINE ARGS supported :

NB: cmd line args are case sensitive!

NOTE	ARGUMENT		DESCRIPTION
(mandatory)	-MC		Ref. TAB "MultiCopy" (for future compatibility)
(mandatory)	One of the following:		Matching mode selection
	(arg)	*(def.)*	
	-mo	If older	
	-ma	always	
	-ms	skip	
(mandatory)	-l <file xml or txt with path>		Load config file (xml or txt with full path or in the same path of the main app exe)
(mandatory)	-c		Only copy sources to destinations
Use this option at your own risk	-d		Delete from disk every sources after copy
Instead both -c and -d options you can use this one	-m		Move sources instead of Copy
You can follow the whole batch mode execution in the app-gui but this option allow you to make a txt report for late control	-sl		Save log window as txt in append mode
To use if in batch mode you want more than one call to the app for GroupCopy simulation	-x		Exit app
No wait to pc shutdown	-shutdown		Shutdown pc at the end of the operations
If none of these is specified then 'no-checksum' control to copy will be applied by default	One of the following or none:		Checksum selection mode
	(arg)	*(def.)*	
	-crc32	CRC32	
	-md5	MD5	
	-sha1	SHA-1	
	-sha256	SHA-256	
	-sha512	SHA-512	

- **example**:

1.   jmultifilesanddirscopy -MC -l test.xml -sha1 -mo -c -sl -shutdown

(single mode: tab MultiCopy, load xml cfg file, sha-1 checksum, matching-mode if older, only copy and no delete src, save log window content and shutdown pc after finish).
If the xml file is in MultiGroups format then all the groups will be copied one at a time in batch mode.
If the xml file contains only one group then it will be processed anyway.
A xml cfg file with only one group or no groups will be considered the same thing in MultiGroups section.

IMPORTANT

Please, if you use this software for your job/work, consider to send a donation to the author using one of the following methods:

a. PayPal: **https://www.paypal.me/AlexBss**
b. Direct bank transfer (please, ask me for the bank references).
c. If you are a shareware author, please consider to send me a personalized full key for one of your software.

Thanks.

features	add	fix	plan
- TAB1: MultiCopy	*		
copy multiple files to multiple dirs	*		
cmd line arguments support for batch use	1.0.0.0		
shutdown pc (also as cmd arg) support	1.0.0.0		
localization (only English for now)			*
win version	*		
linux version			*
macosx version			*
handles overwrite/matching of files	*		
checksum ctrl for every copy (5 methods supported)	1.0.0.0		
multi files selection	*		
files selection by filters	0.9.9.1		
multi dirs selection	*		
drag'n drop support for files-list	0.9.9.1		
drag'n drop support for dirs-list	0.9.9.1		
delete src files from disk	*		
load/save files list (xml)	0.9.1.0		
load/save files list (txt)	0.9.9.0		
load all the files of a single dir	0.9.9.0		
load/save dirs list (xml)	0.9.1.0		
load/save dirs list (txt)	0.9.9.0		
load all the sub-dirs of a single dir	0.9.9.0		
clear files list	*		
clear dirs list	*		
right mouse context menu inside lists	*		
checksum control of single src file	1.0.0.0		
delete single file or dir entry from list	*		
open single file from list	*		
view contents of single dir from list	*		
rename on disk single file or dir from list	1.0.0.0		
skip hidden files and dirs automatically	1.0.0.0		
can check dest disks space before copy	1.0.0.0		
show dest dir dim from mouse menu	1.0.0.0		
show dest disks space from menu	1.0.0.0		
show tot src files dim to copy from menu	1.0.0.0		
- extra dialogs	*		
shows confirmation dialogs	*		
shows error dialogs	*	0.9.9.0	
shows wait dialog	1.0.0.0		
- separate log window	*		
shows start and end time of operations	*		
Dirs operations progress bar	0.9.1.0		
Files operations progress bar	0.9.1.0		
current File operation progress bar	0.9.9.0		
print log window content	*		
save log window content (txt) (also as cmd arg)	1.0.0.0		
clear log window content	*		
copy selected log window content to clipboard	*		
close/open log-window on user needs via menu	*		
- MENU: GroupCopy	1.0.0.0		
- TAB: SubTreeCopy			*
- TAB: MultipleDirsLister			*
- TAB: BatchCopy			*