

NAME

arj-register – Register the ARJ archiver

SYNOPSIS

arj-register [*options*] *program_name*

OPTIONS

-arj Registers all ARJ for Linux programs in the current directory.

-arj32 Registers all ARJ32 (supplied by ARJ Software, Inc.) programs in the current directory.

SEE ALSO

arj(1).

AUTHOR

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NAME

arj – Archiver for .arj files

SYNOPSIS

arj *command* [-switch[-|+|*option*]] *archive[.arj]* [*base directory*] [!/list *name*|*path name*|wildcard *name*]

COMMANDS

ac Add Chapter to chapter archive.
cc Convert archive to Chapter archive.
dc Delete last Chapter from archive.
a Add files to archive.
b execute Batch or dos command.
c Comment archive files.
d Delete files from archive.
e Extract files from archive.
f Freshen files in archive.
g Garble files in archive.
i check Integrity of the **arj** program.
j Join archives to archive
k remove obsolete bacKup files.
l List contents of archive.
m Move files to archive.
n reName files in archive.
o Order files in archive.
p Print files to standard output.
q recover damaged **arj** file.
r Remove paths from filenames.
s Sample files to screen with pause.
t Test integrity of archive.
u Update files to archive.
v Verbosely list contents of archive.
w Where are text strings in archive.
x eXtract files with full pathname.
y copY archive with new options.

SWITCHES

c skip time-stamp Check
e Exclude paths from names
f Freshen existing files
g Garble with password
i with no progress Indicator
m with Method 0, 1, 2, 3, 4
n only New files (not exist)
r Recurse subdirectories

u	Update files (new and newer)
v	enable multiple Volumes
w	assign Work directory
x	eXclude selected files
y	assume Yes on all queries
hk	enable ARJ-PROTECT damage protection

DETAILED SWITCHES

-	Disables switch char
+	Inhibits ARJ_SW usage +var: set environment variable
@	Set 1 token per response file line
!	Set list char (!)
&	Set batch critical error handler
#	Select files by number
\$	Add/extract volume label \$A: add/extract label to drive A
a	Allow any file Attribute a1: any files, directories and UNIX special files
b	Backup changed files b1: Backup changed, reset archive bits b2: only reset archive bits b3: reset archive bit during restore b4: do not restore bits, reset arc b5: do not restore any file attributes
c	Skip time-stamp Check
d	Delete added files asks permission before deleting d1: Delete without permission (same as arj m) d2: Truncate instead of deleting
e	Exclude paths from names e1: Exclude base dir from names
f	Freshen existing files f1: Freshen with OLDER files f2: Freshen with DIFFERENT files f3: Freshen with CRC mismatched files
g	Garble with password gstew: garble with password stew g?: prompt for password
i	Show no progress Indicator i1: show bar graph Indicator i2: show percentage and bar graph i3: total progress percentage i4: total progress bar graph i5: total percentage and bar graph i6: total percentage and file graph
k	Keep a .bak of arj archive
l	Create List_name file <i>lnames.list</i> : create <i>names.list</i>
m	With Method 0, 1, 2, 3, 4 m0: store (no compression)

- m1: good compression (default)
- m2: less memory and compression
- m3: FAST! less compression
- m4: FASTEST! least compression
- n** Only New files (not exist)
- o** On or after YYYYMMDDHHMMSS
 - o: on today
 - o19901225: on/after 12/25/1990
 - ob: Before YYYYMMDDHHMMSS
 - ob: before today
 - ob19901225: before 12/25/1990
 - od: no older than N Days
 - od5: five or less days old
 - oa: After YYYYMMDDHHMMSS (last access)
 - oa: on today
 - oa19901225: after 12/25/1990
 - oab: Before YYYYMMDDHHMMSS (last access)
 - oab: before today
 - oab19901225: before 12/25/1990
 - oc: After YYYYMMDDHHMMSS (created)
 - oc: on today
 - oc19901225: after 12/25/1990
 - ocb: Before YYYYMMDDHHMMSS
 - ocb: before today
 - ocb19901225: before 12/25/1990
- p** Match using full Pathnames
 - p1: match Pathname with subdirs
- q** Query on each file
- r** Recurse subdirectories
- s** Set archive time-Stamp to newest
 - s1: save original time-Stamp
 - s2: set archive time-Stamp
 - s3: save both original time-Stamps
- t** Set file Type (default 0)
 - t0: set binary file type
 - t1: set C text file type
 - t1f: force C text file type
 - t1g: set C text with graphics
- u** Update files (new + newer)
 - u1: Update files (new + OLDER)
 - u2: Update files (new + different)
 - u3: Update files (new + CRC mismatch)
- v** Enable multiple Volumes
 - v360: build 362000 byte volumes
 - v50K: build 50000 byte volumes
 - va: auto-detect space available
 - vd/tmp/*: delete /tmp/*
 - ve: use alternate volume naming
 - vi: inhibit diskette change test
 - vr50K: reserve 50000 bytes of space on first volume
 - vs: provide command prompt
 - vscmd: execute **cmd** before each vol
 - vv: beep between volumes
 - vw: keep Whole files in volumes
 - vz: provide command with no echo

v360,v720,v1200,v1440: abbrevs Volume options may be in any order except s and z which must be last

- w** Assign Work directory
w/tmp: use */tmp* as work directory
- x** eXclude selected files
x.sh*: exclude **.sh* files
x!names: exclude files in *names* multiple exclusions are allowed
- y** Assume Yes on all queries except diskette volume prompts
Use this switch for batch mode
- z** Supply archive comment file _ Convert filenames to lower case
zarc.cmt: use *arc.cmt* for comments
z/dev/null: use to strip comments

SHIFTED SWITCHES

- h#** Append date string to name
h#1: append time string to name
h#2: append DHHMMSS to name (custom: *h#{ Y,M,D,N,h,m,s }*)
h#YYYY-MMDD: append YYYY-MMDD
- h\$** Try to use longnames (Win2000)
- h2** Obsolete synonym for -2 group of options
- ha** Ignore readonly Attribute
- hb** Select by file attribute/type
a - archive bit set
b - archive bit clear
r - readonly
s - system
h - hidden
d - directory
n - normal file, not d,h,r,s,c,l
c - chapter label
l - volume label
f - abbrev for n,d,r,s,h
u - UNIX special files
w - win95 long filenames
hb: select all types
hbsh: select hidden, system only
hbd: select dirs only
- hc** Execute Command at **arj** start
hcclear: execute **clear**
- he** Skip test of security Envelope
he1: set error on security Envelope
- hf** Set short filenames only
hf1: set longnames in file comment or extract with *w95lname.nnn*
hf2: use long filenames in DOS
hf3: set longnames in file comment using shortname wildcards
hf4: set all files archived in Windows as Windows long filenames
- hg** Specify garble module filename
hgarjcrypt.so: set *arjcrypt.so* as name of garble module
hg!: specify use of 40 bit encryption
- hi** Detailed display in Index files
- hk** Build data protection record
- hk** Default amount of recovery data
hk1: more recovery data

hk9: maximum amount of recovery data
 Disable ARJ-PROTECT when used with the "y" command

hl Return error for Listfile error

hm Increase file list capacity
 hm!: redirect -hm temp file
 hm! : move temp file to XMS mem
 hm!/tmp : move temp file to /tmp

hn Specify non-existent filespec
 hn####: set #### as filespec

ho Only extract files with matches
 ho1: Only extract files without matches

hq Ignore open access error on adds
 hq1: ignore open not found error on adds
 hq2: ignore access and not found on adds

hr Try to ignore archive errors

hs Disable file Sharing

ht Set Target directory
 ht/destdir

hu Allow Update of volume archives

hv Check for **arj** version

hw Scroll save search filename display
 hw1: display only filenames with matches

hx Set default archive extensions
 hx.arj.sdn

hy set **arj32** to use ANSI codepage set **arj** to extract ANSI codepage archive
 hy1: force **arj32** to use OEM codepage
 hy2: force **arj32** to use ANSI codepage

hz Create an ARJ-SECURITY envelope

j# Store only CRC and not the file
 j#1: store only date, size, attributes
 j#2: restore file attributes
 j#3: restore file dates
 j#4: restore file attributes and dates

j\$ Do not process file DTA and DTC

ja Set P command to display ANSI
 ja1: inhibit the display of comments

jb Set chapter backup processing
 jb0: clear chapter archive status
 jb*: select all chapter backup files

jc Exit after Count of files
 jc5: exit after 5 files
 jc nam1 nam2: exit after 2 files

jd Ensure free Disk space
 e -jd50K: skip file if<50000 free
 l -jd1000: set error if<1000 free

je Create self-extracting archive
 je1: create SFXJR archive

jf Store/use Full specified path
 jf1: store/use path minus drive

jg	[OBSOLETE] jg1: [OBSOLETE]
jh	Set Huffman buffer size jh65535: set to 65535 bytes (max) jh2048: set to 2048 bytes (min)
ji	Create Index file jiindex.file: create <i>index.file</i>
jk	Keep temp archive on error
jl	Display only filespecs
jm	Set Maximum compression mode jm1: set faster Maximum compression
jn	Restart volumes at fileName jn/bin/test: restart at <i>/bin/test</i> jn: get restart information from previously written index file
jo	Query when updating archive file jo: extract to unique Output names jo1: extract to unique Output names keeping file extension
jp	Pause after each screenful jp50: pause, set page size to 50
jq	Set string parameter jqstring: set parameter to <i>string</i>
jr	Recover broken archive files jr1: Recover badly broken archive files
js	Store archives by suffix (default is arj, arc, lzh, pak, rar, zip, zoo, j, and uc2). js.zoo: store only .zoo files
jt	Test temporary archive by CRC jt1: Test CRC and file contents jt2: Test only added file contents jt3: Test only file date-time and size
ju	Translate UNIX style paths
jv	Set Verbose display jv1: set special verbose list mode
jw	Set extract output filename jwnew.file: output to <i>new.file</i>
jx	Start at eXtended position jx10000: start at position 10000
jy	Suppress queries assuming Yes a - skip append query c - skip create directory query d - skip delete files query k - skip disk space available query n - skip new filename prompt o - skip overwrite file query r - erase all type-ahead before query s - skip scanned enough text query v - skip proceed to next volume query y - accept single character Y/N/A/Q jycny: skip create, new name queries in single character input mode
jz	Supply file for file comment jzfile.cmt: use <i>file.cmt</i> for comments

- jz/dev/null: use to strip file comments
- 2a** Serialize names on extraction
 - 2b** [UNIX] restrict to Block devices
2b or 2b.: current device only
2b-/usr: all except where /usr is located
 - 2c** [OS/2, NT] handle Crit. EAs only
 - 2d** **arj**/DOS compatibility mode
2d1: (OBSOLETE) comment compatibility
 - 2e** [OS/2, NT] filter Extended attrs
2e.*: pack/unpack system EAs only
2e.ICON?: pack/unpack icons only
2e: disable EAs handling
 - 2f** Disable comment serialization across multiple volumes
 - 2h** [UNIX] Disable hardlink handling
2h1: Extract hardlinks as symlinks
 - 2k** Skip century display in dates
2k1: use a non-ambiguous date display format
 - 2l** [OS/2, NT] treat .LONGNAME EAs as filenames when possible
 - 2o** [UNIX] store/restore file ownership
2o1: Store numeric UID/GID values 2o2: Same as -2o but saves group as well
 - 2p** Specify process Priority class
OS/2, NT: 2p1...2p4
Linux, FreeBSD: 2p1...2p41
 - 2r** Revert directory Recursion order
 - 2s** [UNIX] preserve Symlink properties
 - 2x** [OS/2, NT]: eXclude extended attrs
2x.ICON?: ignore icons

DEFAULTS

Save path information in archive
 Save long filenames
 Save/restore extended attributes
 Save/restore file date-time created and accessed in Win95 and OS/2
 Save timestamps in the UNIX format under UNIX-like operating systems
 Don't save drive and root in path information
 Display comment ANSI sequences with built-in display handler
 Prompt before overwriting output files
 Use method 1 compression
 Use binary mode
 Use ! as list file symbol
 The "**ac**" command is an abbreviation for "**u -u2 -jb**"
 The "**cc**" command is an abbreviation for "**y -jb**"
 The "**dc**" command is an abbreviation for "**d -jb**"

Under Win32, **arj** uses OEM codepage by default. The "**-hy**" option sets **arj** to use the ANSI codepage which is the Windows graphical environment default. **arj**/Win32 self-extracting archives should be built using the "**-hy**" option.

To ensure compatibility with previous versions of **arj**, the "**-2d**" parameter has to be specified when archiving under UNIX.

USER PROMPT RESPONSES

Yes yes
No no

Quit abort out of **arj**

Always
always assume yes for current type of query

Skip always assume no for current type of query

Global always assume yes for all queries except diskette volume prompts

Command
prompt for and execute one system command

ENVIRONMENT

ARJ_SW = **-jyry -jv -i1**

ARJ_SW = */etc/arj.cfg*

EXIT STATUS

0 Success

1 Warning (specified file to add to archive not found, specified file to list, extract, etc., not found, or answering negatively to "OK to proceed to next volume..." prompt)

2 Fatal error

3 CRC error (header or file CRC error or bad password)

4 ARJ-SECURITY error or attempt to update an ARJ-SECURED archive

5 Disk full or write error

6 Cannot open archive or file

7 Simple user error (bad parameters)

8 Not enough memory

9 Not an **arj** archive

10 [DOS] XMS memory error (read or write)

11 User control break

12 Too many chapters (over 250)

EXAMPLES

Add files minus directory structure:

arj a -e archive *

Add two files to archive:

arj a archive *name1 name2*

Add files to archive with verification:

arj a -jt archive *

Add files with maximum compression:

arj a -jm archive *

Add several directories of files:

arj a archive ... *dir1 dir2 dir3*

Add thousands of files to an archive:

arj a -hml -r archive *

Add a chapter to an archive:

arj ac archive */foo/dir/** -r

Comment archive header only:

arj c archive -*zcmt.fil*

Convert standard archive to chapter:

arj cc archive

Convert chapter archive to standard:

arj y archive -jb0

Delete the last chapter from an archive:

arj dc archive *

Strip archive comment only:

arj c archive -z/dev/null

Extract files from archive:

arj e archive

Extract maintaining directory structure:

arj x archive

Extract new and newer files without query:

arj e archive -u -y

Extract subdirectory from archive:

arj e archive *subdir*/* -p1

Extract files to directory:

arj x archive *destdir*/*

Extract files to directory:

arj x archive * -htdestdir

Extract files to directory with space:

arj x archive "*Some Dir*/"

Extract files to directory with space:

arj x archive "-ht*Some Dir*"

Extract a Win95 archive to plain DOS:

arj x archive -hf2

List files in archive:

arj l archive

Move files to archive:

arj m archive *.*tex*

Move files from archive:

arj e -d archive *.*tex*

Recover files from a damaged archive:

arj x archive -jr

Test integrity of files in archive:

arj t archive

Test multiple **arj** archives:

arj t *.*arj* -hr

Add files to a multiple volume archive:

arj a -va /*floppy/archive* *

Create up to 999 archive volumes:

arj a -va /*floppy/archive.001*

Extract from a multiple volume archive:

arj x -v /*floppy/archive*

Create a multiple volume self-extractor:

arj a -va -je /*floppy/archive* *

Convert archive to self-extractor:

arj y -je1 archive

Backup dir /*foo* to dir /*floppy*:

arj a /*floppy/backup* /*foo* -a1 -b2 -r -vvas -w/*foo* -js -jt -hk

Restore backup on dir /*floppy* to dir /*foo*:

arj x /*floppy/backup* /*foo* -vv -y

SELF-EXTRACTOR ARCHIVES

If the first two characters of an **arj** comment are ")))" in a self-extractor, then the self-extractor will accept the appended line as its command line.

")) -o" will force the self-extractor to overwrite existing files.

SEE ALSO

rearj(1), **unarj(1)**, **arj-register(1)**.

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NAME

arjdisp – ARJ simple graphical interface

SYNOPSIS

arj [*test|archive_name filename uncompsize bytes compsize cmd_verb*]

DESCRIPTION

The **arjdisp** command is a graphical interface for arj.

SEE ALSO

arj(1).

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NAME

rearj – Converts other archive formats to .arj files

SYNOPSIS

rearj [*options*] <!*listfile(s)|filespec(s)|wildname(s)*>

DESCRIPTION

The **rearj** command can repack other archive formats to arj.

OPTIONS

- +** Ignore REARJ_SW variable.
- a**[*suffix*] Convert archives within archives ("*" for all formats).
- b***command* Execute command before extracting files.
- c***command* Execute command on extracted files before counting them.
- d** Delete original archives.
- e** No error switch.
- f** Convert diskette archives.
- g** Skip creation of output archive.
- i**[*name*] Check integrity of *rearj* program.
- j** Skip if output archive size is larger than the original.
- k** Skip archive timestamping.
- l**[*name*] Write append log file (default name is *rearj.log*).
- m**[*date*] Select archives before date in *YYMMDDHHMMSS* format.
- n**[*date*] Select archives on or after date in *YYMMDDHHMMSS* format.
- o** Allow overwrite of existing target archive.
- p** Ignore long filenames under Windows 95.
- q** Query for each archive to convert.
- r** Recurse through subdirectories.
- s** Skip verify of file count and total size.
- t***suffix* Create suffix type archives.
- u**[*bak*] Allow update of archive with backup (default is *BAK*).
- v** Execute configured command on extracted files.
- w***dir* Assign work directory.
- x**[!*file*] Exclude by filename, wildname, or listfile.
- y**[*text*] Delete output archive and write text to log (testing mode).
- z** Simulate operation.

ENVIRONMENT

REARJ_SW If set, its value will be used as command line options.

EXIT STATUS

- | | |
|-----------|---|
| 0 | Success. |
| 1 | File not found. |
| 2 | File is not a configured archive type. |
| 3 | Target archive already exists. |
| 4 | Not enough disk space. |
| 5 | User skipped or user did not select update option. |
| 6 | UNPACK command error. |
| 7 | PACK command error. |
| 8 | Target cannot support directories. |
| 9 | Wrong file count. |
| 10 | Wrong total size. |
| 11 | Internal archive REARJ error. |
| 12 | Rename archive error. |
| 13 | Invoked <code>-v</code> command error (found a virus?). |
| 14 | Output archive is larger. |

EXAMPLE

rearj * -r -d

Convert all archives to **ARJ** format, searching all subdirectories, deleting original archives.

SEE ALSO

arj(1).

AUTHOR

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