

LISTSERV(R) System Reference Library, release 1.8e

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Note: These commands should be sent to CIESIN's LISTSERV email address, which is listserv@listserver.ciesin.columbia.edu.

Commands are listed in alphabetical order, with the minimum acceptable abbreviation in capital letters. Angle brackets are used to indicate optional parameters. All commands which return a file accept an optional 'F=fformat' keyword (without the quotes) that lets you select the format in which you want the file sent; the default format is normally appropriate in all cases. Some esoteric, historical or seldom-used commands and options have been omitted.

List subscription commands (from most to least important)

SUBscribe	listname <full_name> ANONYMOUS	Subscribe to a list, or change your name if already subscribed -> Subscribe anonymously
	Following either <full_name> or ANONYMOUS, you may specify individual subscription options (DIGEST, MIME, etc):	
	<WITH opt1 opt2...>	-> With specified options
SIGNOFF	listname * * (NETWIDE	Remove yourself: - From the specified list - From all lists on that server - From all lists in the network
SET	listname options ACK/NOACK/MSGack CONCEAL/NOCONCEAL DIGests/INDEX/NODIGests/NOINDEX HTML/NOHTML Mail/NOMail MIME/NOMIME REPro/NOREPro TOPICS: ALL <+/->topicname	Alter your subscription options: -> Acknowledgements for postings -> Hide yourself from REVIEW -> Ask for digests or message indexes rather than getting messages as they are posted -> Prefer/avoid HTML mail (especially HTML indexes) -> Toggle receipt of mail -> Prefer/avoid MIME format (especially MIME digests) -> Copy of your own postings? -> Select topics you are subscribed to (add/remove one or replace entire list)
Change	listname newaddr * newaddr	Change your e-mail address: -> On the specified list only -> On all lists hosted here
Options for mail headers of incoming postings (choose one):	FULLhdr or FULL822 IETFhdr SHORThdr or SHORT822 DUALhdr	-> "Full" (normal) mail headers -> Internet-style headers -> Short headers -> Dual headers, useful with PC

	SUBJecthdr	or Mac mail programs -> Normal header with list name in subject line
CONFIRM	listname1 <listname2 <...>>	Confirm your subscription (when LISTSERV requests it)
Other list-related commands		

GETPOST	listname refl <ref2 <...>> <opt>	Order individual messages from list archives
There is a single option:		
	NOMIME	Retrieve messages in "raw" form, ie, do not re-encode MIME attachment links (pre-1.8e behavior)
INDEX	listname	Sends a directory of available archive files for the list, if postings are archived
Lists	<option> (no option)	Send a list of lists as follows: -> Local lists only, one line per list
	Detailed	-> Local lists, full information returned in a file
	Global /xyz	-> All known lists whose name or title contains 'xyz'
	SUMmary <host>	-> Membership summary for all lists on specified host
	SUMmary ALL	-> For all hosts (long output, send request via mail!)
	SUMmary TOTAL	-> Just the total for all hosts
Query	listname	Query your subscription options for a particular list (use the SET command to change them)
	*	-> Query all lists you are subscribed to on that server
REGister	full_name	Tell your name to LISTSERV, so that you don't have to specify it on subsequent SUBSCRIBE's
	OFF	Make LISTSERV forget your name
REView	listname <(options)>	Get information about a list
	BY sort_field Country Date Name NODEid Userid	-> Sort list in a certain order: by country of origin by subscription date by name (last, then first) by hostname/nodeid by userid
	BY (field1 field2)	-> You can specify more than one sort field if enclosed in parentheses: BY (NODE NAME)

	Countries	-> Synonym of BY COUNTRY
	LOCAl	-> Don't forward request to peers
	Msg	-> Send reply via interactive messages (BITNET users only)
	NOHeader	-> Don't send list header
	Short	-> Don't list subscribers
	TOPics	-> Include breakdown of subscribers per topic
	ALL	-> List both concealed and non-concealed subscribers (list owners/site maintainers only)
SCAN	listname text	Scan a list's membership for a name or address
SEArch	listname word1 <word2 <...>>	Search list archives
or:	word1 <word2 <...>> IN listname	
	FROM date1	-> From this date
	TODAY	-> From today
	TODAY-7	-> In the last 7 days
	TO date2	-> To this date
	WHERE	
	SUBJECT CONTAINS xxxxx	-> Only this subject
	AND/OR	
	SENDER CONTAINS xxxxx	-> Only this author
		Complex boolean operations are supported, see database guide
STats	listname <(options)>	Get statistics about a list (VM)
	LOCAl	-> Don't forward to peers
Informational commands		

Help		Obtain a list of commands
INFO	<topic>	Order a LISTSERV manual, or get a list of available ones (if no topic was specified); or get information about a list
	<listname>	
Query	File fn ft <filelist> <(options)>	Get date/time of last update of a file, and GET/PUT file access code
	FLags	-> Get additional technical data (useful when reporting problems to experts)
RELEASE		Find out who maintains the server and the version of the software and network data files
SHOW	<function>	Display information as follows:
	ALIAS node1 <node2 <...>>	-> BITNET nodeid to Internet hostname mapping
	BITEARN (VM only)	-> Statistics about the BITEARN NODES file

DISTRIBUTE	-> Statistics about DISTRIBUTE
DPATHs host1 <host2 <...>>	-> DISTRIBUTE path from that server to specified host(s)
DPATHs *	-> Full DISTRIBUTE path tree
FIXes (VM only)	-> List of fixes installed on the server (non-VM see LICENSE)
HARDWare or HW	-> Hardware information
LICense	-> License/capacity information and software build date
LINKs node1 <node2 <...>>	-> Network links at the BITNET node(s) in question
NADs node1 <node2 <...>>	-> Addresses LISTSERV recognizes as node administrators
NETwork (VM only)	-> Statistics about the NJE network
NODEntry node1 <node2 <...>>	-> BITEARN NODES entry for the specified node(s)
NODEntry node1 /abc*/xyz	-> Just the ':xyz.' tag and all tags whose name starts with 'abc'
PATHs snode node1 <node2 <...>>	-> BITNET path between 'snode' and the specified node(s)
POINTs <ALL list1 list2...>	-> Graduated license point information for planning
STATs	-> Usage statistics (default option)
VERSion	-> Same as RELEASE command
(no function)	-> Same as SHOW STATS

Commands related to file server functions

AFD		Automatic File Distribution
ADD	fn ft <filelist <prolog>>	Add file or generic entry to your AFD list
DELEte	fn ft <filelist>	Delete file(s) from your AFD list (wildcards are supported)
List		Displays your AFD list
	For node administrators: FOR user ADD/DEL/LIST etc	Perform requested function on behalf of a user you have control over (wildcards are supported for DEL and LIST)
FUI		File Update Information: same syntax as AFD, except that FUI ADD accepts no 'prolog text'
GET	fn ft <filelist> <(options)> PROLOGtext xxxx	Order the specified file or package -> Specify a 'prolog text' to be inserted on top of the file
GIVE	fn ft <filelist> <TO> user	Sends a file to someone else
INDex	<filelist>	Same as GET xxxx FILELIST (default is LISTSERV FILELIST)

PW	function	Define/change a "personal password" for protecting AFD/FUI subscriptions, authenticating PUT commands, and so on
	ADD firstpw	-> Define a password for the first time
	Change newpw <PW=oldpw>	-> Change password
	RESET	-> Reset (delete) password

SENDme Same as GET

Other (advanced) commands

DATABase	function	Access LISTSERV database:
	Search DD=ddname <ECHO=NO>	-> Perform database search (see INFO DATABASE for more information on this)
	List	-> Get a list of databases available from that server
	REFRESH dbname	-> Refresh database index, if suitably privileged

DBase Same as DATABASE

DISTRIBUTE	<type> <source> <dest> <options>	Distribute a file or a mail message to a list of users (see INFO DIST for more details on the syntax)
	Type:	
	MAIL	-> Data is a mail message, and recipients are defined by '<dest>'
	MAIL-MERGE	-> Data is a mail-merge message. See the Developer's Guide to LISTSERV for specifics.
	FILE	-> Data is not mail, recipients are defined by '<dest>'
	RFC822	-> Data is mail and recipients are defined by the RFC822 'To:/'cc:'' fields
	Source:	
	DD=ddname	-> Name of DDname holding the data to distribute (default: 'DD=DATA')
	Dest:	
	<TO> user1 <user2 <...>>	-> List of recipients
	<TO> DD=ddname	-> One recipient per line
	Options for the general user:	
	ACK=None/MAIL/MSG	-> Acknowledgement level (default: ACK=NONE)
	CANON=YES	-> 'TO' list in 'canonical' form (uid1 host1 uid2 host2...)
	DEBUG=YES	-> Do not actually perform the distribution; returns debug path information
	INFORM=MAIL	-> Send file delivery message to

		recipients via mail
TRACE=YES		-> Same as DEBUG=YES, but file is actually distributed
AV=YES<,FORCE>		-> (1.8e Classic and later) Check the message for viruses. See the Developer's Guide to LISTSERV for specifics.
	Options requiring privileges:	
	FROM=user	-> File originator
	FROM=DD=ddname	-> One line: 'address name'
FOR	user command	Execute a command on behalf of another user (for node administrators)
SERVE	user	Restore service to a disabled user
THANKS		Check the server is alive
UDD		Access the User Directory Database (there are 18 functions and many sub-functions, so the syntax is not given here)

Syntax of parameters

filelist	= 1 to 8 characters from the following set: A-Z 0-9 \$#@+_-:
fformat	= Netdata, Card, Disk, Punch, LPunch, UUencode, XXencode, VMSdump, MIME/text, MIME/Appl, Mail
fn	= same syntax as 'filelist'
ft	= same syntax as 'filelist'
full_name	= firstname <middle_initial> surname (*not* your e-mail address)
host	= Internet hostname
listname	= name of an existing list
node	= BITNET nodeid or Internet hostname of a BITNET machine which has taken care of supplying a ':internet.' tag in its BITEARN NODES entry
pw	= A password with characters from the set: A-Z 0-9 \$#@_-?! %
user	= Any valid Internet address not longer than 80 characters; if omitted, the 'hostname' part defaults to that of the command originator