The program is a general interface to nameservers via BIND resolver library calls. The program supports queries to the nameserver with an opcode of QUERY. This program is intended to be a replacement or supplement to programs like nstest, nsquery and nslookup. All arguments except for and are treated without case-sensitivity. The nameserver to be used in the query. Nameservers can appear as either Internet addresses of the form or can appear as domain names. (Default: as specified in The type of resource record of interest. Types include: address nameserver canonical name domain name pointer start of authority well-known service host information mailbox information mail exchange responsible person mail group member DCE or AFS server wildcard Note that any case may be used. (Default: The class of resource records of interest. Classes include: Internet Hesiod Chaos wildcard Note that any case may be used. (Default: The number of times to retry if the nameserver is not responding. (Default: 4.) Period to wait before timing out. (Default: Turn on debugging. This sets the bit of the resolver's field. (Default: no debugging.) Use a rather than a packet. This uses a TCP stream connection with the nameserver rather than a UDP datagram. This sets the bit of the resolver's field. (Default: UDP datagram.) Synonym for the flag. The name of the host (or domain) of interest. to get the default ns and search lists list of usable RR types and classes list of resolver flags If the resolver fails to answer the query and debugging has not been turned on, will simply print a message like: The value of the return code is supplied by Bryan Beecher Queries of a class other than can have interesting results since ordinarily a nameserver only has a list of root nameservers for class resource records. uses a call to to determine if the argument for the option is a valid Internet address. Unfortunately, seems to cause a segmentation fault with some (bad) IP addresses (e.g., 1.2.3.4.5).