

## Chapter 6

# rip6query

rip6query is experimental.

### 6.1 Name

`rip6query` - query RIPng gateways

### 6.2 Syntax

```
rip6query [ -d ] [ -n ] [ -r ] [ -v ] [ -w time ] [ -N dest[/mask] ]  
[ -I interface name ] hosts ...
```

### 6.3 Description

`rip6query` is used to request all routes known by a RIPng gateway by sending a **RIPng REQUEST** command. The routing information in any routing packets returned is displayed numerically and symbolically. `rip6query` is intended to be used as a tool for debugging gateways, not for network management.

### 6.4 Options

- d**  
`-d` specifies that debug output should be printed. These messages are printed to standard output.
- n**  
`-n` prevents the address of the responding host from being looked up to determine the symbolic name.
- N *dest[/mask]***  
`-N dest[/mask]` specifies that the query should be for the specified *dest/mask* instead of the complete routing table.
- r**  
`-r` uses the **RIPng REQUEST** command to request information from the gateway's routing table. This is the default and is provided for backwards compatibility.
- v**  
`-v` (lowercase) displays version information about `rip6query` before querying the gateways.
- w *time***  
The default *time* is 5 seconds.

## **6.5 Bugs**

Some versions of UNIX do not allow looking up the symbolic name of a subnet.