How do I search for my Beatles file?

- Gnutella *routes* different messages within the overlay graph
- Gnutella protocol has 5 main message types
 - Query (search)
 - QueryHit (response to query)
 - Ping (to probe network for other peers)
 - Pong (reply to ping, contains address of another peer)
 - Push (used to initiate file transfer)
- We'll go into the message structure and protocol now
 - All fields except IP address are in little-endian format
 - Ox12345678 stored as 0x78 in lowest address byte, then 0x56 in next higher address, and so on.