

# Pastry Routing

- Consider a peer with id 01110100101. It maintains a neighbor peer with an id matching each of the following prefixes (\* = starting bit differing from this peer's corresponding bit):
  - \*
  - 0\*
  - 01\*
  - 011\*
  - ... 0111010010\*
- When it needs to route to a peer, say 01110111001, it starts by forwarding to a neighbor with the largest matching prefix, i.e., 011101\*