Exercise No. 13

Algorithms and Methods for Distributed Storage
Winter 2008/2009

Exercise 13  Peer-to-Peer Routing

Consider a set of peers in European cities as stated on the map below.

1. Draw predecessor and successor links of the Chord ring.

2. Draw the leaf set of Pastry with $\ell = 2$.

3. For both Chord and Pastry perform a routing from Lisbon (10011) to Murmansk (00000) and from Stockholm (10010) to Bologna (00111). Use the nearest city that matches a prefix.