

*Distributed Software Development*  
*More DHTs*

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## 16-2: Distributed Hash Tables

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- On Tuesday, we talked about Distributed Hash Tables
  - Used Chord as an example
- Able to act as a distributed storage and indexing mechanism
- Maps “keys” (hashes of data) to “values” (coordinates in a space of nodes.)
- Each node is responsible for a set of the keyspace.

## 16-3: Desirable Properties

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- Desirable properties of DHTs include:
  - Always able to find data stored in the network
  - Able to support entry and exit of nodes
  - Able to tolerate node failure
  - Efficient routing of queries