



Distributed Systems

Name & Directory Services

Creating a Namespace

- How hard it is to come up with a namespace for millions of unrelated computing systems worldwide?
- In retrospect, not difficult:
 - Internet domain name system
 - www.heinz.cmu.edu

YouTube Video Namespace

- What is the address of your favorite YouTube video?
- What is the YouTube video namespace?
- E.g.
 - <http://www.youtube.com/watch?v=xcXd2IPTuqw>
 - What is the name?
 - Therefore is YouTube:
 - a Name Server?
 - or Directory Server?