



# Distributed Systems

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# Outline

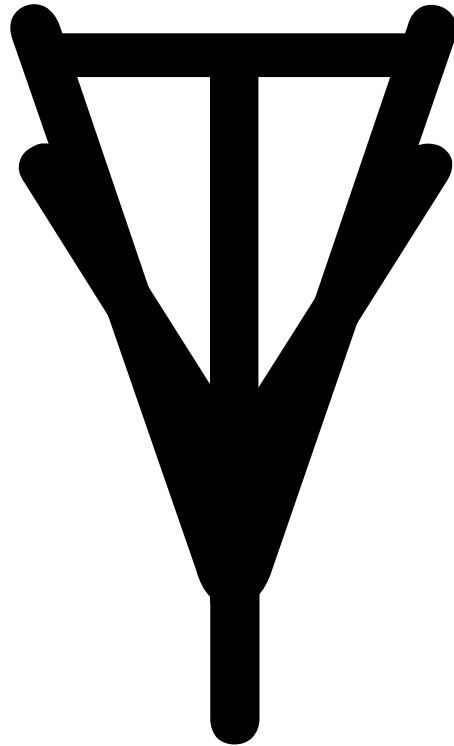
- Prologue
- Lecture Objectives
- Lecture Overview
- Q&A

# Prologue



- Excellent Choice
  - Computer Science & Engineering
    - High Demand
    - Interesting
    - Sense of Mission

# Prologue (Cont'd)





# Lecture Objectives

- To Study Distributed Systems That Transmit, Process, and Protect Data
- To Learn How to Perform Research to Develop Technologies Needed in Distributed Computing Environments
- To Understand Issues Regarding Data Protection Processing & Transmission and Performance Engineering



# Lecture Overview

- Fundamentals of Distributed Systems
- Distributed Memory/File Systems
- Other Distributed Systems Topics
- Peer-to-Peer Computing
- Embedded Software/Systems
- Data Protection, Security & Digital Rights Management
- Performance Debugging & Dynamic Adaptation
- Distributed Computing Frameworks
- Cloud Computing & Blockchain Systems



# Class Webpage URL

<http://dcslab.snu.ac.kr/courses/ds2020f/>