


# EECS 222: Embedded System Modeling Lecture 7

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## Lecture 7: Overview

- SystemC: From the Ground Up (Part 1)
  - Excerpts from SystemC Training at DAC '15
  - by David Black

## The SystemC Language

- “SystemC: From the Ground Up”, 2<sup>nd</sup> edition
  - Springer 2010
- SystemC Training Day at DAC 2015
  - “The Definitive Guide to SystemC: The SystemC Language”, by David Black, Doulos
    - Introduction to SystemC
      - Overview and background
      - Central concepts, SystemC World
    - Core Concepts and Syntax
      - Data
      - Modules and connectivity
      - Processes and events
      - Channels and interfaces
      - Ports

