

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”, 2nd 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

