

Title: Practice of Model Based System/Software Engineering in CASIC

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Abstract:

The speaker is Vice Director of Software Engineering Dept. in Beijing Institute of Computer Technology and Application (BICTA), which is the computer science institute attached to China Aerospace Science & Industry Corporation (CASIC). He will firstly have a brief introduction to the Model Based System/Software Engineering method and IDE designed by his team for the whole cooperation. Then, he will introduce the detailed module of the IDE, including the SysML/OPM modeling and simulation tools, Domain-Specific Modeling Environment(DSME) based on DSL & AADL, and model-based software test tool, etc. Finally, he will have a summary about the experience of the designing of the DSL and the practicing of the MDD tool chains in CASIC.