Japan IBIS Activities Update

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JEITA EDA-WG

IBIS Summit
Tokyo, Japan
November 14, 2008

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IBIS Standard

I/O Buffer Information Specification

• Behavioral Modeling of I/O
  Including V-t, V-I tables, PKG RLC and other related parameters
• No proprietary information in models
• Platform independent, runs on any tools
• Relatively fast simulation time vs SPICE
• Became Standard Since 1995
• Current Ver. 4.2;
  ANSI/EIA-656-B Approved 2007

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IBIS Open Forum Organization

IBIS Structure

IBIS Task Groups

Official paid member companies
33 members in 2008
Including worldwide major
IBIS Users, IBIS Creators
& EDA vendors

Board Member
Michael Mirmak --- Chair
Syed Huq – Vice-Chair
Randy Wolff – Secretary
Lance Wang – Model Librarian
Bob Ross – Postmaster/”Parliamentarian”

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Support by JEITA/EC center

What is EC Center (taken from site: http://ec.jeita.or.jp)

(Objective)
EC Center aims to contribute to the development of the electronic device and semiconductor/electronic component industry by maintaining a base for business-to-business electronic commerce and business-to-business concurrent engineering.

(Operations)
EC Center standardizes ............
(2) Upgrade and maintenance of standards relevant to related information
(4) Information exchange, international cooperation, and investigative research with related national and international organizations and groups
Supporting members & Focus

JEITA EC center / EDA WG

• Leader: Watanabe, Takeshi (NEC Electronics)
• Members from Consumer electronics, Tool vendors & Semiconductors

Focus on;
• IBIS quality
• Interconnect modeling
• Promotion
Promotion

JAPAN IBIS Summit

• 2006 : JEITA meeting with IBIS officers
  More than 30 attendees

• 2007 : Successful 1st. Japan Summit
  More than 50 attendees of
  model users & creators

• 2008 : 2nd. Summit, Today,
  More than 60 registered. Updating records!

IBIS Guidebook planned 2007

• Suspended due to copyright, publish problem

• Part of the work displayed at this site

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IBIS quality

• Major advancement in this year!
• Defining new tangible quality measures
• Presented in 2 conferences, got audience’s favor
• Expecting growing support from users & providers

Interconnect modeling

• Study in progress!
• Seeking standard way of distribution system
Your contribution can CHANGE SI & PI communities
Thanks for supporting IBIS