IBIS Version 4.0

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Version 4.0 - 10 More BIRDs

- BIRD62.6 - Receiver Threshold spec extensions
  - » [Receiver Thresholds] -Vinh/l_ac/dc and differential thresholds offsets from Vth, Tslew, sensitivities
  - » [External Reference] - External voltage reference
- BIRD64.4 - [Alternate Package Models]
- BIRD65.2 - C_comp split to any four voltage references
- BIRD66, BIRD71 [Model Spec] additions
  - » 11 Timing test load subparameter extensions, PCI, PCI-X support (separate rising, falling loads)
- BIRD67 - 1000 V-T lines

BIRDs Continued

- BIRD68.1 - Clarify V-T table rising and falling edges aligned
- BIRD70.5 - Golden Waveforms
  - » [Test Data], [Test Load], and other keywords and subparameters to define golden waveforms (near, far, single-ended, differential, typ/min/max) and general test load circuit
- BIRD72.3 - PMOS/NMOS series switch models
  - » Extends definition of series MOSFET to PMOS, NMOS and combinations - no syntax change
- BIRD73.4 - Fall Back submodel
  - » Adds the Fall_back submodel for AVC technology
  - » Clarification and corrections to Bus_hold submodel

Ratification Plan

- Review copy uploaded under "Ver 4.0 Work In Progress" link of IBIS home page
- Committee review/vote on Version 4.0 to stabilize syntax and resolve any interaction issues
- Start ibischk4 parser project - another review and possible clarification BIRDs
- Committee review/vote Version 4.1
- Package and submit for EIA letter ballot
  - » 3 months review
  - » Respond formally to comments
- If successful, ratify as ANSI/EIA-656-B