Chair’s Status Report

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Chair, IBIS Open Forum

IBIS Summit
at DesignCon
Santa Clara, California
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http://www.eda.org/ibis/
Agenda

- Progress – 2012 to Today
- Grading Predictions
- Organizational Status
- Looking Ahead
- Special Thanks
- Reference
  - Task Groups
  - The IBIS Board
Progress – 2012 to Today

- IBIS 5.1 released Aug. 24, 2012!
  - Completely new and more readable format

- BIRDs
  - 22 BIRDs/revisions filed, 7 approved, 1 rejected since Jan. 1, 2012
  - 19 remain open, all targeted for post-5.1

- IBISCHK5 parser – now at 5.1.2 (released Oct. 2012)
  - Parallel specification and parser development enabled 5.1 parser within one month of specification approval!
  - 13 parser BUGs filed since Jan. 1, 2012
  - 5 remain open

- TSCHK2 parser
  - 1 BUG filed; 1 BUG open
Grading Predictions

Looking Ahead

- IBIS 5.1: targeting June 22 Open Forum introduction
  - Parser update already in progress
- Summit plans
  - Taipei, Shanghai, Yokohama in November
- ANSI meeting in September
  - Key to US standardization of IBIS
- IBIS-ISS parser and integration with IBIS
- Preparing for 5.1 and beyond…
Organizational Status

- Finances and Membership
  - Holding steady at 28 members
  - Despite hurdles, we expect to “break even” for 2012

- International summits continued apace since DAC
  - Summits in Hsinchu, Shanghai, Yokohama - 243 attendees!

- Infrastructure improvements
  - New BIRD template for compatibility with IBIS 5.1 format
  - Model library, web site, archives and scripting all being updated

- Advanced Technology Modeling, Interconnect, and Quality Task Group updates later today

We are above water, but rapids are ahead…
Looking Ahead

- “Clearing the decks” for IBIS 6.0
  - Focus on resolving the 19 BIRDs now open
  - Resume six-month release cycle
  - Finalize version numbering scheme (6.x or dates?)

- Summit plans
  - European IBIS Summit planned for May (SPI in Paris)
  - Asian IBIS Summits in Autumn
  - No DAC Summit planned – elections will be separate

- As time permits
  - IBIS-ISS parser
  - Touchstone and TSCHK2 updates
Thanks to Our Board & Staff

- Lance Wang – Vice-Chair
  - *US and international summit support*
- Randy Wolff – Secretary
  - *Handling minutes, other official documents plus ANSI and TechAmerica relations*
- Mike LaBonte – Webmaster & Postmaster
  - *Updating website and maintaining reflectors*
- Anders Ekholm – Model Librarian
  - *Keeping our external IBIS model library up-to-date*
- Bob Ross – Treasurer
  - *Tracking finances and helping to arrange summits*

... and of course to you, the IBIS Community!
Q/A
BACKUP
Update Schedule

- Original six-month release schedule is still achievable
  - A 6.0 specification could intercept Cycle 1

![Release Schedule for IBIS]

- Moving to a regular, software-like release plan
  - Allows better planning by “customers” (IBIS community)
  - Keeps number of changes manageable
  - Reduces & stabilizes parser development cycle time and cost
- Two “cycles”, each with two parts
  - Cycle 1
    - Nov. – Feb.: technical development
    - March 1 – close technical changes
    - May 1 – close final document (editorial fixes in-between)
  - Cycle 2
    - May – Aug.: technical development
    - Sept. 1 – close technical changes
    - Nov. 1 – close final document (editorial fixes in-between)

Closing 19 BIRDs will be a major challenge
IBIS Board

Chair
- Is final approver of specification ballots
- Appoints Task Groups
- Tracks Finances
- Manages meetings and summits

Vice-Chair
- Manages meetings and summits in Chair’s absence
- Usually acts as US summit registration contact

Secretary
- Tracks balloting, membership and TechAmerica relations
- Responsible for meeting and summit minutes
- Maintains on-line model reference library

Model Librarian
- Responsible for all web content
- Primary focus on events, specifications, roster and tools
- Responsible for IBIS reflectors (IBIS, IBIS-Users)
- Usually “first responder” to non-list participant questions

Webmaster

Postmaster

Amended Charter Officers

2013 IBIS Summit at DesignCon
IBIS Task Groups

IBIS Committee
("IBIS Open Forum")

- Interconnect
  Michael Mirmak, Intel

- Advanced Technology Modeling Group
  Arpad Muranyi, Mentor Graphics

- Model Review
  (vacant)

- Quality
  Mike LaBonte, SiSoft

Notes
- The Cookbook Task Group has been suspended until critical mass of needed changes is achieved
- The Futures and Macromodeling Library groups have been combined into the Advanced Technology Modeling Group
- EDA vendors comprise Model Review, independently reviewing received models and providing feedback to model authors; no specification changes are recommended by this group and it does not hold meetings

- Participation in the IBIS Task Groups is open to IBIS members and the general public alike

- Task Groups are created and Chairs appointed by the IBIS Chair
- Some issues are handled by Ad Hoc teams for BIRD development