Chair’s Status Report

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Chair, IBIS Open Forum

IBIS Summit
at DesignCon 2015
Santa Clara, CA
January 30, 2015

http://www.eda.org/ibis/
Agenda

- Organizational Update

- IBIS Development Data
  - BIRD Status Update and Trends

- New Policies and Procedures Document
  - Why It Is Needed
  - Review and Approval Process
IBIS DEVELOPMENT DATA
How Long Do Versions “Live”? 

<table>
<thead>
<tr>
<th>IBIS Version</th>
<th>Days Between Approval and Successor</th>
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<tbody>
<tr>
<td>2</td>
<td>450</td>
</tr>
<tr>
<td>2.1</td>
<td>420</td>
</tr>
<tr>
<td>3</td>
<td>375</td>
</tr>
<tr>
<td>3.1</td>
<td>392</td>
</tr>
<tr>
<td>3.2</td>
<td>1456</td>
</tr>
<tr>
<td>4</td>
<td>450</td>
</tr>
<tr>
<td>4.1</td>
<td>450</td>
</tr>
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<td>4.2</td>
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<tr>
<td>5</td>
<td>1456</td>
</tr>
<tr>
<td>5.1</td>
<td>450</td>
</tr>
<tr>
<td>6</td>
<td>450</td>
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</table>

- Average: 685 days
- Min: 392 days
- Max: 1456 days
- STD: 323 days

1 year line
BIRDS from Proposal to Approval

• Average: 173 days (down from 177!)
• “Statutory” minimum is now 14 days
**Pending BIRDs**

- 11 BIRDs are open, mostly on packages & related areas
  - Down from 12 at last report

**Days Pending for Open BIRDs**

- Longer than any other BIRD
- Longer than any IBIS version!

Average is 753 days
Development Summary

- Average BIRD consideration time is dropping (slightly)
- Fewer BIRDs are open
- Progress remains slow
  - Oldest items remain open and unchanged
  - 1 year refresh target already exceeded

Chief objectives for IBIS activities
- Finalize new, comprehensive interconnect solution
- Finalize backchannel treatment
POLICIES AND PROCEDURES
IBIS Organizational History

- IBIS originally formed in 1993
- A 1995 “Charter” defined both its objectives and basic operating procedures
  - [http://www.eda.org/ibis/docs/charter/eia_org.txt](http://www.eda.org/ibis/docs/charter/eia_org.txt)
- The Charter was updated in 1999
  - Added Postmaster & Webmaster offices
  - First dues increase (from $500 to $750)
  - Minutes from those meetings available at [http://www.eda.org/ibis/docs/charter/](http://www.eda.org/ibis/docs/charter/)

All procedures since 1999 have been decided via membership vote or Board action
Why Update the Charter?

- The Charter is badly outdated
  - Includes both the initial organization of IBIS, as well as continuing policies and procedures
  - Elections require voter presence at DAC
  - Very small quorum requirements (5 companies)
  - Many rules are inflexible or confusing: dues, parser fees, “proxy” voting
  - Document format rules are included (e.g., 80 column text for reflector postings, BIRD template)

A new Policies and Procedures document is needed
Proposal: A New “P & P”

- A new Policies and Procedures document has been drafted for review
  - [http://www.eda.org/ibis/docs/policies/](http://www.eda.org/ibis/docs/policies/)
- 4 pages in length
- Sections include
  - Membership, Dues, Quorum
  - Voting, Board Structure, Elections
  - Temporary Appointments
  - Meeting Conduct & Practices
Major Changes

- Elections procedures updated
  - Electronic voting explicitly supported
  - “Returning Officer” method used
  - Longer, explicit timetable set
- Quorum changed to 25% of membership
- Treasurer position added to Board
- Membership rules and dues clarified
- Rules have been “future-proofed”

New rules permit easier worldwide participation, in-line with other organizations
Document Review Process

- Calls for comments will be conducted at the next two IBIS Open Forum teleconferences
- After disposition of all changes, a vote during an Open Forum teleconference will be announced, one week in advance
  - E-mailed votes will be accepted
  - Per current Charter rules, at least 15 “yes” votes from members are required to approve changes (2/3 of today’s 22 members, rounded up)
  - Changes go into effect immediately if approved

- SAE ITC legal review is assumed
Future Work

- The new “P&P” document will allow smoother organizational operations
- We still need summary document for other, traditional procedures
  - e.g., how long BIRDs must be available for review
- These will “pave the way” for version, parser support, and release schedule updates to come
BACKUP
## Pending BIRDs

<table>
<thead>
<tr>
<th>ID#</th>
<th>Issue Title</th>
<th>Requester</th>
<th>Submitted</th>
<th>Days Open</th>
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<tbody>
<tr>
<td>125.1</td>
<td>Make IBIS-ISS Available for IBIS Package Modeling</td>
<td>Arpad Muranyi, Mentor Graphics</td>
<td>21-Oct-10</td>
<td>1562</td>
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<td>128.2</td>
<td>Allow AMI_parameters_out to pass AMI_parameters_in data on calls to AMI_GetWave</td>
<td>Walter Katz, SiSoft</td>
<td>11-Mar-11</td>
<td>1421</td>
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<td>157</td>
<td>Parameterize [Driver Schedule]</td>
<td>Arpad Muranyi, Mentor Graphics; Romi Mayder, Xilinx</td>
<td>24-Jan-13</td>
<td>736</td>
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<td>158.3</td>
<td>AMI Touchstonefile (R) Analog Buffer Models</td>
<td>Walter Katz, Signal Integrity Software, Inc.</td>
<td>20-Feb-13</td>
<td>709</td>
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<td>161.1</td>
<td>Supporting Incomplete and Buffer-only [Component] Descriptions</td>
<td>Michael Mirmak, Intel Corp.</td>
<td>8-May-13</td>
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<td>165</td>
<td>Parameter Passing Improvements for [External Circuit]s</td>
<td>Arpad Muranyi &amp; John Angulo, Mentor Graphics; Ambrish Varma &amp; Brad Brim, Cadence Design Systems, Inc.</td>
<td>9-Jan-14</td>
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<td>Resolving problems with Redriver Init Flow</td>
<td>Walter Katz, Signal Integrity Software, Inc. Darshan Shah, F5Networks, Inc.</td>
<td>2-Apr-14</td>
<td>303</td>
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<td>174</td>
<td>Quote Character Clarifications</td>
<td>Arpad Muranyi, Mentor Graphics</td>
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