Build Your Own IBISCHK

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Why Build Your Own IBISCHK?

- Potential fast fixing of new critical bugs
- Custom IBISCHK modifications
- Support platforms for which free executables are not available (Eg., MacOS, other Linux versions, etc.)
- Set compiler and linker switches to guarantee platform compatibility with proprietary software
Faster IBISCHK Bug Fixing

• IBISCHK has bug fixes! 146 closed so far
• Example: IBISCHK5 v5.1.4 released July 23, 2014 now has three outstanding Bug Reports
• Avoid turnaround delay waiting for official new fix
  – Coordinate with your own release schedule
• Vendor/user fixes may already exist
  – Thank you Bug Report submitters
Custom IBISCHK Modifications

- Example: Support unofficial vendor extensions or feature reductions
  - Not encouraged, but some vendors do this
- Example: Check IBIS and supporting files with different directory path rules
- Example: Modify check messages for clarity and/or parsability
- Example: Add -version switch to print version info and exit per vendor interface standard
Freely Available IBISCHK5
Compiled by Volunteers

<table>
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<th>Available IBISCHK5 Linux 32-bit Distribution/Kernel</th>
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IBISCHK Source Code

- Developed through open bid process
- Parser sales fund code development
  - Range $5,000 to $25,000
- Current cost of a parser license: $2,500
  - Pay for each major IBISCHK release
  - Updates and bug fixes are included
  - Company wide license
- Free IBISCHK executables compiled by volunteers
Parser Sales History

- 20 ibis_chk @ $500
- 26 ibischk2 @ $500/$750
- 18 ibischk3 @ $2,084
- 17 ibischk4 @ $2,084/$2,500
- 16 ibischk5 @ $2,500
- ??? ibischk6 @ $2,500

– Mergers reduce number of potential licenses
Conclusion

• Advantages given for owning IBISCHK6 source code and license
  – Owner control
  – Help improve IBISCHK6

• IBISCHK6 license agreements are now available
  – Pays for source code development
  – Code availability goal - May 15, 2014