Build Your Own IBISCHK

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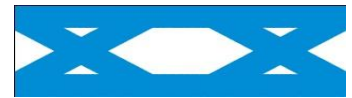
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DesignCon IBIS Summit

January 31, 2014, Santa Clara, CA

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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

Available IBISCHK5 Linux 32-bit Distribution/Kernel			
v500	redhat_4/2.2.5	ubuntu/2.2.5	
v501	redhat_4/2.6.15	ubuntu/2.6.15	
v502	redhat_4/2.6.0	ubuntu/2.6.0	
v503	redhat_4/2.2.5	ubuntu/2.2.5	suse_32/2.2.5
v504	redhat_4/2.2.5		
v505		ubuntu/2.6.15	
v506	redhat_32/2.2.5	ubuntu/2.6.15	
v507	redhat_32/2.2.5	ubuntu/2.6.15	
v510	redhat_32/2.2.5	ubuntu/2.6.15	
v511		ubuntu/2.6.15	
v512	redhat_32/2.6.15		
v513	redhat_32/2.2.5		
v514	redhat_32/2.6.15		

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