

IBISv5.0 AMI specification BIRD task list

Description	Must fix?	BIRD ID	Date done
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Parser developer questions

AMI flow related

Order of EDA tool convolution and first Tx GetWave call	yes		
add parameter: Init_Returns_Filter	??		

Ambiguities in text

clarify clock_times	yes		
clarify AMI parameter string extraction process from an .ami file	yes		
define how impulse response is generated			
- what should be done in absence of an analog IBIS model?	yes		
- if Thevenin (LTI) buffer is used, what should be the amplitude?			
- what tap coefficients should the analog model represent?			
are quotes and other special characters allowed in parameter string?	yes		
clarify unit of impulse response	yes		

List from existing BIRD draft (as of February 23, 2010)

remove branches: Reserved_Parameters, Model_Specific	no		
remove reserved parameters: Tx_Jitter, Rx_Clock_PDF	??		
remove keywords: Format, Gaussian, Table, DjRj, Dual-Dirac	??		
add keyword: Array	no		

Scott's suggestion:

- 1) clarification
 - top level clarification BIRD -> full document, rewrite 5.0 with clarifications
 - subset -> clarification sub-BIRD-s to clarify specific things (clock_time, flow, etc...)
- 2) new stuff in separate BIRD-s (justification and proposed solutions)