

Buffer Issue Resolution Document (BIRD)
BIRD ID#: {TBD}
ISSUE TITLE: Correcting the rules for AMI_Close
REQUESTOR: Arpad Muranyi, Mentor Graphics
DATE SUBMITTED:
DATE REVISED: June 29, 2011
DATE ACCEPTED BY IBIS OPEN FORUM:

STATEMENT OF THE ISSUE:

The IBIS 5.0 specification defines the rules for AMI_Close so that it is optional when AMI_GetWave doesn't exist in the model. This results in unnecessary complications regarding the rules of some other AMI function arguments. Making AMI_Close required for all situations would simplify these rules in the specification and the job of model makers.

STATEMENT OF THE RESOLVED SPECIFICATIONS:

On pg. 181 replace these lines:

| The three functions can be included in the shared object library in one of
| the three following combinations:
|
| Case 1: Shared library has AMI_Init, AMI_Getwave and AMI_Close.
| Case 2: shared library has AMI_Init and AMI_Close.
| Case 3: Shared library has only AMI_Init.
|
| Please note that the function 'AMI_Init' is always required.

with the following lines:

| The three functions can be included in the shared object library in one of
|* the following two combinations:
|
| Case 1: Shared library has AMI_Init, AMI_Getwave and AMI_Close.
| Case 2: shared library has AMI_Init and AMI_Close.
|
|* Please note that the functions 'AMI_Init' and 'AMI_Close' are always
|* required.

ANALYSIS PATH/DATA THAT LED TO SPECIFICATION:

Several questions were raised regarding memory allocation and de-allocation while working on BIRD 137, and discussions revealed that making AMI_Close always required would simplify the rules in the specification as well as the rules for the model making process.

ANY OTHER BACKGROUND INFORMATION:
