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 BIRD ID#:
 ISSUE TITLE:     IBIS-AMI Definition Clarifications
 REQUESTER:       Arpad Muranyi, Mentor Graphics, Inc.
 DATE SUBMITTED:
 DATE REVISED:
 DATE ACCEPTED BY IBIS OPEN FORUM:

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 STATEMENT OF THE ISSUE:

 Section 6c of the IBIS v5.0 specification does not define several items
 which leaves the parser developer, EDA vendor and model maker with
 unanswered questions.

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 Remove the following text from the beginning of the "DEFINITIONS" section
 on pg. 140:

 | DEFINITIONS:
 |
 | The following 'Usage, Type Format and Default definitions are used
 | throughout the following sections.


 Add to the beginning of the "DEFINITIONS" section the following text on
 pg. 140:

 | DEFINITIONS:
 |
 | The information provided in this section is applicable to the content of
 | the parameter definition file (.ami).   Note that the rules described
 | below deviate from the rules for .ibs files.
 |
 | The content of the parameter definition file (.ami) is case sensitive.
 |
 | Only the pipe ("|") character is acceptable as a comment character
 | regardless of what the calling IBIS file uses for the comment character.
 |
 | The line length of the parameter definition file (.ami) is not limited
 | to a specific number of characters.  The Description string may span
 | multiple lines.  It is recommended that the text contained in the
 | Description string should not exceed 120 characters per line.
 |
 | The first token in the file may contain an arbitrary string and does not
 | need to match the file name.
 |
 | A white space in the parameter definition file (.ami) may be one or more
 | space, tab, and/or line termination characters.
 |
 | Integers are numbers which are written without a fractional or decimal
 | component, and fall within -2147483648 and 2147483647.  For example, 65,
 | 7, and -756, 123e3 are integers, 1.6, 123e99 are not integers.
 |
 | Float numbers are in general represented by a floating point number that
 | may be scaled using a decimal exponent.  A floating point number is
 | represented by the significant digits, and optionally a sign and decimal
 | point.  For example, -1.23e-3, 123e-3, 1.23, 1 are all of type float.
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| String is a sequence of characters enclosed in double quotes (").  No
| double quotes are allowed inside the string literals.
|
| Scaling factors or suffixes, such as p, n, etc... are not permitted in
| the parameter definition file (.ami).  Scientific and floating point
| notation is permitted.
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ANALYSIS PATH/DATA THAT LED TO SPECIFICATION

Most of these questions were raised by the IBIS v5.0 parser's developer
during the development of the parser, but other discussions in the IBIS-ATM
Task Group revealed additional questions and issues. The solutions were
defined during the IBIS v5.0 parser developement project and in subsequent
IBIS-ATM meetings.

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ANY OTHER BACKGROUND INFORMATION:

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