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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 and RULES:  
|  
| 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.
```

|  
| 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 development project and in subsequent IBIS-ATM meetings.

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ANY OTHER BACKGROUND INFORMATION:

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