

Buffer Issue Resolution Document (BIRD)
BIRD ID#: {TBD}
ISSUE TITLE: Add Boolean to BNF for IBIS AMI
REQUESTOR: Arpad Muranyi, Mentor Graphics
DATE SUBMITTED:
DATE REVISED: May 31, 2011
DATE ACCEPTED BY IBIS OPEN FORUM:

STATEMENT OF THE ISSUE:

The IBIS 5.0 specification doesn't list Boolean in the BNF syntax on pg. 187 which is a valid value type.

STATEMENT OF THE RESOLVED SPECIFICATIONS:

On pg. 187 replace these lines:

```
| 8. Parameter values can be expressed either as a string literal, decimal  
| number or in the standard ANCI 'C' notation for floating point numbers  
| (e.g., 2.0e-9). String literal values are delimited using a double  
| quote (") and no double quotes are allowed inside the string literals.
```

with these lines:

```
|*8. Parameter values can be expressed either as a string literal, Boolean  
|* literal (True or False), decimal number, or a floating point number in  
|* the standard ANSI 'C' notation (e.g., 2.0e-9). String literal values  
|* are delimited using a double quote (") and no double quotes are allowed  
|* inside the string literals.
```

Old version (to be removed from here before submission to the Open Forum):

```
|*8. Parameter values can be expressed either as a string literal, Boolean  
|* literal (True or False), decimal number or in the standard ANSI 'C'  
|* notation for floating point numbers (e.g., 2.0e-9). String literal  
|* values are delimited using a double quote (") and no double quotes  
|* are allowed inside the string literals.  
*****
```

On pg. 187 replace these lines:

```
| The modified BNF specification for the syntax is:  
...  
...  
...  
| <value>:  
| <string literals>  
| <decimal number>
```

```
|      <decimal number>e<exponent>
|      <decimal number>E<exponent>
```

with these lines:

```
|* The modified Backus-Naur Form (BNF) specification for the syntax is:
```

```
...
...
...
|
```

```
  <value>:
```

```
|*   <string literal>
|*   <Boolean literal>
|     <decimal number>
|     <decimal number>e<exponent>
|     <decimal number>E<exponent>
```

```
*****
```

ANALYSIS PATH/DATA THAT LED TO SPECIFICATION:

```
*****
```

ANY OTHER BACKGROUND INFORMATION:

```
*****
```