

# **PRINTLIB**

Conversion program

<b>COLLABORATORS</b>
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	<i>TITLE :</i> PRINTLIB	
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## Chapter 1

# PRINTLIB

### 1.1 Overview of PRINTLIB

Overview

An Acid Software Library

Converted to AmigaGuide by

Red When Excited Ltd

Used with the permission of Acid Software

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### 1.2 PRINTLIB

Statement: Print

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Modes :

Syntax : Print Expression[,Expression...]

Print allows you to output either strings or numeric values to the current output channel. Commands such as WindowOutput or BitMapOutput may be used to alter the current output channel.

### 1.3 PRINTLIB

Statement: NPrint

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Modes :

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Syntax : NPrint Expression[,Expression...]

NPrint allows you to output either strings or numeric values to the current output channel. Commands such as WindowOutput or BitMapOutput may be used to alter the current output channel.

After all Expressions have been output, NPrint automatically prints a newline character.

## 1.4 PRINTLIB

Function: Str\$

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Modes :

Syntax : Str\$ (Expression)

This returns a string equivalent of the numeric value Expression. This now allows you to perform string operations on this string.

If the Format command has been used to alter numeric output, this will be applied to the resultant string.

## 1.5 PRINTLIB

Statement: Format

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Modes :

Syntax : Format FormatString

Character Format effect

#	If no digit to print, insert spaces into output
0	If no digit to print, insert zeros ('0') into output
.	Insert decimal point into output
+	Insert sign of value
-	Insert sign of value, only if negative
,	Insert commas every 3 digits to left of number

Any other characters in FormatString will appear at appropriate positions in the output.

Here are some example of FormatStrings and their output:

Format	StringValue	PrintedOutput
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```

"####.00" 5.2          5.20
"0000.00" 5.2          0005.20
"###,###.00" 10240.25  10,240.25
"Total: -#####" -10.5      Total: - 11

```

Format affects the operation of the Str\$ function.

## 1.6 PRINTLIB

Statement: FloatMode

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Modes :

Syntax : FloatMode Mode : -1=standard, 0=guess, 1=exp

FloatMode allows you to control how floating point numbers are output by the Print or NPrint commands.

Floating point numbers may be displayed in one of two ways - in exponential format, or in standard format. Exponential format displays a floating point number as a value multiplied by ten raised to a power. For example, 10240 expressed exponentially is displayed as '1.024E+4', ie: 1.024 times 10 to the power of 4. Standard format simply prints values 'as is'.

A Mode parameter of 1 will cause floating point values to ALWAYS be displayed in exponential format.

A Mode parameter of -1 will cause floating point values to ALWAYS be displayed in standard format.

A Mode parameter of 0 will cause Blitz 2 to take a 'best guess' at the most appropriate format to use. This is the default mode for floating point output.

Note that if Format has been used to alter numeric output, standard mode will always be used to print floating point numbers.

## 1.7 PRINTLIB

Function: UStr\$

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Modes :

Syntax : UStr\$ (Expression)

This returns a string equivalent of the numeric value Expression. This now allows you to perform string operations on this string.

Unlike Str\$, UStr\$ is not affected by any active Format commands.

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## 1.8 PRINTLIB

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PRINTLIB

Overview

Command Index

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Format

NPrint

Print

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UStr\$

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