

A UTILITIES

Overview

Your VisualDSP++ 2.0 development software comes with the comment conversion utility that runs from a command line only. This utility provides support for converting legacy code developed under Release 6.1. This appendix describes the utility and its command-line interface.

Comment Converter

The comment converter program (`commentconverter.exe`) takes an assembler source file and converts legacy comment delimiters to C-style and C++-style comment delimiters.

When converting comments, all occurrences of "{ }" pair interpreted as comments are replaced with `/* */` comment delimiters. All occurrences of `!"` interpreted as comments are replaced with `//`. The comment converter replaces "{ }" or `!"` only when it is interpreted as a comment delimiter in the source file. Other occurrences, such as a comment within another comment, are not converted.

Comment Converter

The conversion utility has the following command line:

```
C:\Program Files\Analog Devices\VisualDSP>commentconverter
```

```
Usage: commentconverter <inputFilename>
```

For typical usage, use the -o switch to direct the output:

```
commentconverter inputFilename.asm -o outputFilename.asm
```

Additional options can be used to select other comment formats to be interpreted by the converter. These options appear in the help screen (-help), as follows in [Table A-1](#).

Table A-1. Commentconverter Command-Line Switches

Switch	Description
-csall	Detects all supported commenting styles: -cs{ "{ }" style comments -cs/* "/* */" style comments -cs! "!" style comments -cs// "//" style comments
-help	Displays a list of switches
-noinfo	Turns off informational messages
-nowarn	Turns off warning and informational messages
-o <i>filename</i>	Outputs named converted file
-rsall	Replaces "{ }" and "!" style comments
-rs{	Replaces "{ }" style comments
-rs!	Replaces "!" style comments

Table A-1. Commentconverter Command-Line Switches (Cont'd)

Switch	Description
-v[erbose]	Displays the tool command line and version
-version	Displays tool version

By default, the comment converter recognizes all comment delimiters (-csall) and replaces both "{ }" and "!" comment formats (-rs{, rs!).

-no preceding cs and rs switches turns off recognition of commenting styles.

Example:

```
{ start of a comment
  more comment
  end of a comment
}

label: NOP;    // no code here!

! start of a comment {single line}
```

Once the utility is run with the default options, the example converts to:

```
/* start of a comment
  more comment
  end of a comment
*/

label: NOP;    // no code here!

// start of a comment {single line}
```

