NAME

convert_to_xview – convert a SunView1 source program to XView source

SYNOPSIS

convert_to_xview [**-m**] *filename...*

AVAILABILITY

This command is available with the XView software distribution.

DESCRIPTION

convert_to_xview is a shell script which uses **sed**(1) scripts to convert SunView programs to the XView Application Programming Interface (API). **Convert_to_xview** parses *filename* and creates a new file with the XView API in the current directory called *filename***.converted_to_xview**. The default conversion that is done is called FULL conversion. FULL conversion of SunView source converts everything to XView naming conventions regardless of API compatibility support (e.g., changes **WIN_FONT** to **XV_FONT** even though **WIN_FONT** would still work).

The other type of conversion is called MINIMAL conversion. MINIMAL conversion retains SunView compatibility wherever possible and inserts a unique flag and comments at every instance where manual conversion is necessary in C language source comment form. The flag and comments will look something like this:

```
#ifdef XVIEW_COMMENT
XView CONVERSION - Make sure to use xv_init to process the attrs
first. Sect 3.2
#endif
```

The original SunView file is not modified. After the file is converted, you should then search for

XView CONVERSION

in the new converted program (*filename***.converted_to_xview**). Use the conversion documentation, *XView 3.1: Converting SunView Applications*, to determine the proper conversion for these flagged items. In some possible cases, the comments may make references to sections in the manual which should be consulted to correctly convert something.

OPTIONS

–m Perform minimal conversion only.

ENVIRONMENT

The script recognizes the environment variable $OPENWINHOME as the root directory for the installation point for **convert_to_xview.** By default it should be installed into the root directory '/'. Additionally, the **sed**(1) scripts that are used by **convert_to_xview** must be located in the **$OPENWINHOME/bin** directory.

EXAMPLES

Convert foo.c from SunView1 to XView:

```
% convert_to_xview foo.c
----Converting File: foo.c
--Done
%
```

Now go in and edit (with your favorite text editor such as **vi, textedit,** etc.) the result of the conversion (my_program.c.converted_to_xview) and see if there is anything that didn't get converted:

% textedit foo.c.converted

Do only minimal conversion of my_program.c & your_program.c to XView:

% convert_to_xview -m foo.c blah.c
----Converting File: foo.c
----Converting File: blah.c
--Done
%

The above would create two files new files and each will only had minimal conversion performed (just flags inserted).

FILES

$OPENWINHOME/bin/convert_to_xview

Where $OPENWINHOME is the installation/mount point for XView.

SEE ALSO

sed(1), **textedit**(1), **vi**(1), **sh**(1)