

NAME

`gdk-pixbuf-csource` - C code generation utility for GdkPixbuf images

SYNOPSIS

`gdk-pixbuf-csource` [OPTIONS...] <IMAGE>

DESCRIPTION

`gdk-pixbuf-csource` is a small utility that generates C code containing images, useful for compiling images directly into programs.

`gdk-pixbuf-csource` either takes as input one image file name to generate code for, or, using the `--build-list` option, a list of (**name**, **image**) pairs to generate code for a list of images into named variables.

This tool is mostly meant to be used for backward compatibility. Newly written applications and libraries should use GResource to embed image assets in their binary.

OPTIONS**--stream**

Generate pixbuf data stream: a single string containing a serialized **GdkPixdata** structure in network byte order.

--struct

Generate **GdkPixdata** structure; your code needs the **GdkPixdata** structure definition from **gdk-pixdata.h**.

--macros

Generate ***_ROWSTRIDE**, ***_WIDTH**, ***_HEIGHT**, ***_BYTES_PER_PIXEL** and ***_RLE_PIXEL_DATA** or ***_PIXEL_DATA** macro definitions for the image.

--rle

Enables run-length encoding for the generated pixel data (default).

--raw

Disables run-length encoding for the generated pixel data.

--extern

Generate extern symbols.

--static

Generate static symbols (default).

--decoder

Provide a `*_RUN_LENGTH_DECODE(image_buf, rle_data, size, bpp)` macro definition to decode run-length encoded image data.

--name=identifier

Specifies the identifier name (prefix) for the generated variables or macros (useful only if **--build-list** was not specified).

--build-list

Enables (**name**, **image**) pair parsing mode.

-h, --help

Prints a brief help and exit.

-v, --version

Prints the tool version and exit.

--g-fatal-warnings

Makes warnings fatal, and causes the program to abort.

SEE ALSO

The **GdkPixbuf** documentation, shipped by gdk-pixbuf, and also available online on *docs.gtk.org*.

BUGS

The runlength encoder gets out of sync with the pixel boundaries, since it includes the rowstride padding in the encoded stream. Furthermore, it generates pixbufs with suboptimal rowstride in some cases.