# TIFFSV

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## NAME

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|  | tiffsv − save an image from the framebuffer in a TIFF file (Silicon Graphics version) |

## SYNOPSIS

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|  | **tiffsv** [ *options* ] *output.tif* [ *x1 x2 y1 y2* ] |

## DESCRIPTION

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|  | *tiffsv* saves all or part of the framebuffer in a file using the Tag Image File Format, Revision 6.0. By default, the image is saved with data samples packed (*PlanarConfiguration*=1), compressed with the Lempel-Ziv & Welch algorithm (*Compression*=5), and with each strip no more than 8 kilobytes. These characteristics can be overridden, or explicitly specified with the options described below. |

## OPTIONS

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|  | **−b** |  | Save the image as a greyscale image as if it were processed by *tiff2bw*(1). This option is included for compatibility with the standard *scrsave*(6D) program. |  |
|  | **−c** |  | Specify the compression to use for data written to the output file: **none** for no compression, **packbits** for PackBits compression, **jpeg** for baseline JPEG compression, **zip** for Deflate compression, and **lzw** for Lempel-Ziv & Welch compression (default). |  |

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|  | LZW compression can be specified together with a *predictor* value. A predictor value of 2 causes each scanline of the output image to undergo horizontal differencing before it is encoded; a value of 1 forces each scanline to be encoded without differencing. LZW-specific options are specified by appending a ‘‘:’’-separated list to the ‘‘lzw’’ option; e.g. **−c lzw:2** for LZW compression with horizontal differencing. |

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|  | **−p** |  | Specify the planar configuration to use in writing image data. By default, *tiffsv* will create a new file with the data samples packed contiguously. Specifying **−p contig** will force data to be written with multi-sample data packed together, while **−p separate** will force samples to be written in separate planes. |  |
|  | **−r** |  | Specify the number of rows (scanlines) in each strip of data written to the output file. By default, *tiffsv* attempts to set the rows/strip that no more than 8 kilobytes of data appear in a strip. |  |

## NOTE

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|  | Except for the use of TIFF, this program is equivalent to the standard *scrsave* program. This means, for example, that you can use it in conjunction with the standard *icut* program simply by creating a link called *scrsave*, or by creating a shell script called *scrsave* that invokes *tiffgt* with the appropriate options. |

## BUGS

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|  | If data are saved compressed and in separate planes, then the rows in each strip is silently set to one to avoid limitations in the **libtiff**(3TIFF) library. |

## SEE ALSO

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|  | **scrsave**(6D) **pal2rgb**(1), **tiffdump**(1), **tiffgt**(1), **tiffinfo**(1), **tiffcp**(1), **tiffmedian**(1), **libtiff**(3TIFF)  Libtiff library home page: **http://www.remotesensing.org/libtiff/** |