NAME
　　　　gxditview − display groff intermediate output files

SYNOPSIS
　　　　gxditview [*X-toolkit-option*. . .] [**−backingStore** *backing-store-type*] [**−filename** *string*] [**−page** *n*]
　　　　　　　[**−printCommand** *string*] [**−resolution** *res*] [*file*]

　　　　gxditview −help
　　　　gxditview −−help

DESCRIPTION
　　　　The **gxditview** program displays the *groff intermediate output*, see groff_out(5), on an X display. It uses
　　　　the standard X11 fonts, so it does not require access to the server machine for font loading. There are sev-
　　　　eral ways to use **gxditview**.

　　　　The *groff intermediate output* can be generated by **groff −Z**. This can be viewed by explicitly calling
　　　　gxditview *filename*. If *filename* is **−**, **gxditview** will read the standard input; *filename* cannot be omitted.
　　　　The *groff intermediate output* is different for all devices. **gxditview** can view it for all devices, but the
　　　　quality is device dependent.

　　　　The best results are achieved with the **X**∗ devices for **groff**'s option **−T**. There are four **X**∗ devices:
　　　　−TX75, **−TX75−12**, **−TX100**, **−TX100−12**. They differ by the X resolution (75dpi or 100dpi) and the
　　　　used base font size (10pt or 12pt). They are especially built for **gxditview**. When using one of them **groff**
　　　　generates the *intermediate output* for this device and calls **gxditview** automatically for viewing. For exam-
　　　　ple, to view this man page with a base resolution of 12pt, say

　　　　　　　groff −TX100−12 −man −rS12 gxditview.1

　　　　(option **−rS***XX* is documented in the groff_man(7) man page).

　　　　groff's option **−X** produces *intermediate output* for the *PostScript* device and subsequently uses **gxditview**
　　　　as a viewer for it. The quality of the result depends mainly on the chosen point size and display resolution;
　　　　for rapid previewing, however, something like

　　　　　　　groff −X −P−resolution −P100 *document*

　　　　yields acceptable results.

　　　　During the run of **gxditview**, the left mouse button brings up a menu with the following entries:

　　　　Next Page
　　　　　　　Display the next page.

　　　　Previous Page
　　　　　　　Display the previous page.

　　　　Select Page
　　　　　　　Select a particular numbered page specified by a dialog box.

　　　　Print　　Print the *groff intermediate output* using a command specified by a dialog box. The default com-
　　　　　　　mand initially displayed is controlled by the **printCommand** application resource, and by the
　　　　　　　−printCommand option.

　　　　Open　　Open for display a new file specified by a dialog box. The file should contain some *groff interme-
　　　　　　　diate output*. If the filename starts with **|** it will be taken to be a command to read from.

　　　　Quit　　Exit from **gxditview**.

　　　　The *n*, *Space*, *Return*, and *Next* (*PgDn*) keys are bound to the **Next Page** action. The *p*, *b*, *BackSpace*,
　　　　Delete, and *Prior* (*PgUp*) keys are bound to the **Previous Page** action. The *g* key is bound to the **Select-
　　　　Page** action. The *o* key is bound to the **OpenFile** action. The *q* key is bound to the **Quit** action. The *r* key
　　　　is bound to the **Rerasterize** action which rereads the current file, and redisplays the current page; if the cur-
　　　　rent file is a command, the command will be reexecuted. Vertical scrolling can be done with the *k* and *j*
　　　　keys; horizontal scrolling is bound to the *h* and *l* keys. The arrow keys (*up*, *down*, *left*, and *right*) are also
　　　　bound to the obvious scrolling actions.

The **paperlength** and **paperwidth** commands in the *DESC* file specify the length and width in machine units of the virtual page displayed by **gxditview**.

OPTIONS

The **gxditview** program accepts all of the standard X Toolkit command-line options along with the additional options listed below:

–help   This option indicates that a brief summary of the allowed options should be printed.

–page   This option specifies the page number of the document to be displayed.

–backingStore *backing-store-type*

Redisplay of the *groff intermediate output* window can take up to a second or so, this option causes the server to save the window contents so that when it is scrolled around the viewport, the window is painted from contents saved in backing store. *backing-store-type* can be one of **Always**, **WhenMapped** or **NotUseful**.

–printCommand *command*

The default command displayed in the dialog box for the **Print** menu entry will be *command*.

–resolution *res*

The *groff intermediate output* file will be displayed at a resolution of *res* dpi, unless the *DESC* file contains the **X11** command, in which case the device resolution will be used. This corresponds to the *Dvi* widget's **resolution** resource. The default is 75.

–filename *string*

The default filename displayed in the dialog box for the **Open** menu entry will be *string*. This can be either a filename, or a command starting with **|**.

The following standard X Toolkit command-line arguments are commonly used with **gxditview**:

–bg *color*

This option specifies the color to use for the background of the window. The default is *white*.

–bd *color*

This option specifies the color to use for the border of the window. The default is *black*.

–bw *number*

This option specifies the width in pixels of the border surrounding the window.

–fg *color*

This option specifies the color to use for displaying text. The default is *black*.

–fn *font*

This option specifies the font to be used for displaying widget text. The default is *fixed*.

–rv   This option indicates that reverse video should be simulated by swapping the foreground and background colors.

–geometry *geometry*

This option specifies the preferred size and position of the window.

–display *host***:***display*

This option specifies the X server to contact.

–xrm *resourcestring*

This option specifies a resource string to be used.

X DEFAULTS

This program uses the *Dvi* widget in the X Toolkit. It understands all of the core resource names and classes as well as:

width (class **Width**)

Specifies the width of the window.

height (class **Height**)
>   Specifies the height of the window.

foreground (class **Foreground**)
>   Specifies the default foreground color.

font (class **Font**)
>   Specifies the font to be used for error messages.

fontMap (class **FontMap**)
>   Specifies the mapping from *groff* font names to X font names. This must be a string containing a sequence of lines. Each line contains two whitespace separated fields: first the *groff* font name, and secondly the X font name. The default is
>
>    ```
>    "\
>    TR      -adobe-times-medium-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    TI      -adobe-times-medium-i-normal--*-100-*-*-*-*-iso8859-1\n\
>    TB      -adobe-times-bold-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    TBI     -adobe-times-bold-i-normal--*-100-*-*-*-*-iso8859-1\n\
>    CR      -adobe-courier-medium-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    CI      -adobe-courier-medium-o-normal--*-100-*-*-*-*-iso8859-1\n\
>    CB      -adobe-courier-bold-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    CBI     -adobe-courier-bold-o-normal--*-100-*-*-*-*-iso8859-1\n\
>    HR      -adobe-helvetica-medium-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    HI      -adobe-helvetica-medium-o-normal--*-100-*-*-*-*-iso8859-1\n\
>    HB      -adobe-helvetica-bold-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    HBI     -adobe-helvetica-bold-o-normal--*-100-*-*-*-*-iso8859-1\n\
>    NR      -adobe-new century schoolbook-medium-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    NI      -adobe-new century schoolbook-medium-i-normal--*-100-*-*-*-*-iso8859-1\n\
>    NB      -adobe-new century schoolbook-bold-r-normal--*-100-*-*-*-*-iso8859-1\n\
>    NBI     -adobe-new century schoolbook-bold-i-normal--*-100-*-*-*-*-iso8859-1\n\
>    S       -adobe-symbol-medium-r-normal--*-100-*-*-*-*-adobe-fontspecific\n\
>    SS      -adobe-symbol-medium-r-normal--*-100-*-*-*-*-adobe-fontspecific\n\
>    "
>    ```

ENVIRONMENT

>   *GROFF_FONT_PATH*
>
>   >   A list of directories in which to search for the *dev*name directory in addition to the default ones. See troff(1) and groff_font(5) for more details.

FILES

>   */etc/X11/app−defaults/GXditview*
>   */etc/X11/app−defaults/GXditview−color*
>
>   >   The default resource files of **gxditview**. Users should override these values in the *.Xdefaults* file, normally located in the user's home directory. See xrdb(1) and appres(1) for more.

AUTHORS

>   **gxditview** and its predecessor **xditview** were written by Keith Packard (MIT X Consortium), Richard L. Hyde (Purdue), David Slattengren (Berkeley), Malcolm Slaney (Schlumberger Palo Alto Research), Mark Moraes (University of Toronto), and James Clark.

SEE ALSO

>   **X(7),** xrdb(1), **xditview(1),** groff(1), groff_out(5)

ORIGIN

>   This program is derived from **xditview**; portions of **xditview** originated in **xtroff** which was derived from **suntroff**.