

NAME

zathurarc – zathura configuration file

SYNOPSIS

/etc/zathurarc, \$XDG_CONFIG_HOME/zathura/zathurarc

DESCRIPTION

The *zathurarc* file is a simple plain text file that can be populated with various commands to change the behaviour and the look of zathura which we are going to describe in the following subsections. Each line (besides empty lines and comments (which start with a prepended #) is evaluated on its own, so it is not possible to write multiple commands in one single line.

COMMANDS**set – Changing options**

In addition to the built-in **:set** command zathura offers more options to be changed and makes those changes permanent. To overwrite an option you just have to add a line structured like the following

```
set <option> <new value>
```

The **option** field has to be replaced with the name of the option that should be changed and the **new value** field has to be replaced with the new value the option should get. The type of the value can be one of the following:

- INT – An integer number
- FLOAT – A floating point number
- STRING – A character string
- BOOL – A boolean value ("true" for true, "false" for false)

In addition we advice you to check the options to get a more detailed view of the options that can be changed and which values they should be set to.

The following example should give some deeper insight of how the **set** command can be used

```
set option1 5
set option2 2.0
set option3 hello
set option4 hello\ world
set option5 "hello world"
```

If you want to use **color codes** for some options, make sure to quote them accordingly or to escape the hash symbol.

```
set default-fg "#CCBBCC"
set default-fg \#CCBBCC
```

map – Mapping a shortcut

It is possible to map or remap new key bindings to shortcut functions which allows a high level of customization. The **:map** command can also be used in the *zathurarc* file to make those changes permanent:

```
map [mode] <binding> <shortcut function> <argument>
```

include – Including another config file

This commands allows one to include other configuration files. If a relative path is given, the path will be resolved relative to the configuration file that is currently processed.

```
include another-config
```

Mode

The **map** command expects several arguments where only the **binding** as well as the **shortcut-function** argument is required. Since zathura uses several modes it is possible to map bindings only for a specific mode by passing the **mode** argument which can take one of the following values:

- normal (default)
- fullscreen
- presentation
- index

The brackets around the value are mandatory.

Single key binding

The (possible) second argument defines the used key binding that should be mapped to the shortcut function and is structured like the following. On the one hand it is possible to just assign single letters, numbers or signs to it:

```
map a shortcut_function
map b shortcut_function
map c shortcut_function
map 1 shortcut_function
map 2 shortcut_function
map 3 shortcut_function
map ! shortcut_function
map ? shortcut_function
```

Using modifiers

It is also possible to use modifiers like the Control or Alt button on the keyboard. It is possible to use the following modifiers:

- A – Alt
- C – Control
- S – Shift

Now it is required to define the **binding** with the following structure:

```
map <A-a> shortcut_function
map <C-a> shortcut_function
```

Special keys

zathura allows it also to assign keys like the space bar or the tab button which also have to be written in between angle brackets. The following special keys are currently available:

Identifier	Description
BackSpace	Back space
CapsLock	Caps lock
Esc	Escape
Down	Arrow down
Up	Arrow up
Left	Arrow left
Right	Arrow right
F1	F1
F2	F2
F3	F3

F4	F4
F5	F5
F6	F6
F7	F7
F8	F8
F9	F9
F10	F10
F11	F11
F12	F12
PageDown	Page Down
PageUp	Page Up
Return	Return
Space	Space
Super	Windows key
Tab	Tab
Print	Print key

Of course it is possible to combine those special keys with a modifier. The usage of those keys should be explained by the following examples:

```
map <Space> shortcut_function
map <C-Space> shortcut_function
```

Mouse buttons

It is also possible to map mouse buttons to shortcuts by using the following special keys:

Identifier	Description
Button1	Mouse button 1
Button2	Mouse button 2
Button3	Mouse button 3
Button4	Mouse button 4
Button5	Mouse button 5

They can also be combined with modifiers:

```
map <Button1> shortcut_function
map <C-Button1> shortcut_function
```

Buffer commands

If a mapping does not match one of the previous definition but is still a valid mapping it will be mapped as a buffer command:

```
map abc quit
map test quit
```

Shortcut functions

The following shortcut functions can be mapped:

- **abort**

Switch back to normal mode.

- **adjust_window**

Adjust page width. Possible arguments are **best-fit** and **width**.

- **change_mode**

Change current mode. Pass the desired mode as argument.

- **display_link:**

Display link target.

- **exec:**

Execute an external command.

- **focus_inputbar**

Focus inputbar.

- **follow**

Follow a link.

- **goto**

Go to a certain page.

- **jumplist**

Move forwards/backwards in the jumplist.

- **navigate**

Navigate to the next/previous page.

- **navigate_index**

Navigate through the index.

- **print**

Show the print dialog.

- **quit**

Quit zathura.

- **recolor**

Recolor pages.

- **reload**

Reload the document.

- **rotate**

Rotate the page. Pass **rotate-ccw** as argument for counterclockwise rotation and **rotate-cw** for clockwise rotation.

- **scroll**

Scroll.

- **search**

Search next/previous item. Pass **forward** as argument to search for the next hit and **backward** to search for the previous hit.

- **set**

Set an option.

- **toggle_fullscreen**

Toggle fullscreen.

- **toggle_index**

Show or hide index.

- **toggle_inputbar**

Show or hide inputbar.

- **toggle_page_mode**

Toggle between one and multiple pages per row.

- **toggle_statusbar**

Show or hide statusbar.

- **zoom**

Zoom in or out.

- **mark_add** Set a quickmark.

- **mark_evaluate** Go to a quickmark.

Pass arguments

Some shortcut function require or have optional arguments which influence the behaviour of them. Those can be passed as the last argument:

```
map <C-i> zoom in
map <C-o> zoom out
```

Possible arguments are:

- best-fit
- bottom
- collapse
- collapse-all
- default
- down
- expand
- expand-all
- full-down
- full-up
- half-down
- half-up

- in
- left
- next
- out
- page-bottom
- page-top
- previous
- right
- rotate-ccw
- rotate-cw
- select
- specific
- toggle
- top
- up
- width

unmap – Removing a shortcut

In addition to mapping or remapping custom key bindings it is possible to remove existing ones by using the **:unmap** command. The command is used in the following way (the explanation of the parameters is described in the **map** section of this document

```
unmap [mode] <binding>
```

OPTIONS

girara

This section describes settings concerning the behaviour of girara and zathura. The settings described here can be changed with **set**.

n-completion-items

Defines the maximum number of displayed completion entries.

- Value type: Integer
- Default value: 15

completion-bg

Defines the background color that is used for command line completion entries

- Value type: String
- Default value: #232323

completion-fg

Defines the foreground color that is used for command line completion entries

- Value type: String
- Default value: #DDDDDD

completion-group-bg

Defines the background color that is used for command line completion group elements

- Value type: String
- Default value: #000000

completion-group-fg

Defines the foreground color that is used for command line completion group elements

- Value type: String
- Default value: #DEDEDE

completion-highlight-bg

Defines the background color that is used for the current command line completion element

- Value type: String
- Default value: #9FBC00

completion-highlight-fg

Defines the foreground color that is used for the current command line completion element

- Value type: String
- Default value: #232323

default-fg

Defines the default foreground color

- Value type: String
- Default value: #DDDDDD

default-bg

Defines the default background color

- Value type: String
- Default value: #000000

exec-command

Defines a command the should be prepended to any command run with exec.

- Value type: String
- Default value:

font

Defines the font that will be used

- Value type: String
- Default value: monospace normal 9

guioptions

Shows or hides GUI elements. If it contains 'c', the command line is displayed. If it contains 's', the status-bar is displayed. If it contains 'h', the horizontal scrollbar is displayed. If it contains 'v', the vertical scrollbar is displayed.

- Value type: String
- Default value: s

inputbar-bg

Defines the background color for the inputbar

- Value type: String
- Default value: #131313

inputbar-fg

Defines the foreground color for the inputbar

- Value type: String
- Default value: #9FBC00

notification-bg

Defines the background color for a notification

- Value type: String
- Default value: #FFFFFF

notification-fg

Defines the foreground color for a notification

- Value type: String
- Default value: #000000

notification-error-bg

Defines the background color for an error notification

- Value type: String
- Default value: #FFFFFF

notification-error-fg

Defines the foreground color for an error notification

- Value type: String
- Default value: #FF1212

notification-warning-bg

Defines the background color for a warning notification

- Value type: String
- Default value: #FFFFFF

notification-warning-fg

Defines the foreground color for a warning notification

- Value type: String
- Default value: #FF712

tabbar-fg

Defines the foreground color for a tab

- Value type: String
- Default value: #FFFFFF

tabbar-bg

Defines the background color for a tab

- Value type: String
- Default value: #000000

tabbar-focus-fg

Defines the foreground color for the focused tab

- Value type: String
- Default value: #9FBC00

tabbar-focus-bg

Defines the background color for the focused tab

- Value type: String
- Default value: #000000

show-scrollbars

Defines if both the horizontal and vertical scrollbars should be shown or not. Deprecated, use 'guioptions' instead.

- Value type: Boolean
- Default value: false

show-h-scrollbar

Defines whether to show/hide the horizontal scrollbar. Deprecated, use 'guioptions' instead.

- Value type: Boolean
- Default value: false

show-v-scrollbar

Defines whether to show/hide the vertical scrollbar. Deprecated, use 'guioptions' instead.

- Value type: Boolean
- Default value: false

statusbar-bg

Defines the background color of the statusbar

- Value type: String
- Default value: #000000

statusbar-fg

Defines the foreground color of the statusbar

- Value type: String
- Default value: #FFFFFF

statusbar-h-padding

Defines the horizontal padding of the statusbar and notificationbar

- Value type: Integer
- Default value: 8

statusbar-v-padding

Defines the vertical padding of the statusbar and notificationbar

- Value type: Integer
- Default value: 2

window-icon

Defines the path for a icon to be used as window icon.

- Value type: String
- Default value:

window-height

Defines the window height on startup

- Value type: Integer
- Default value: 600

window-width

Defines the window width on startup

- Value type: Integer
- Default value: 800

zathura

This section describes settings concerning the behaviour of zathura.

abort-clear-search

Defines if the search results should be cleared on abort.

- Value type: Boolean
- Default value: true

adjust-open

Defines which auto adjustment mode should be used if a document is loaded. Possible options are "best-fit" and "width".

- Value type: String
- Default value: best-fit

advance-pages-per-row

Defines if the number of pages per row should be honored when advancing a page.

- Value type: Boolean
- Default value: false

continuous-hist-save

Tells zathura whether to save document history at each page change or only when closing a document.

- Value type: Boolean
- Default value: false

database

Defines the database backend to use for bookmarks and input history. Possible values are "plain", "sqlite" (if built with sqlite support) and "null". If "null" is used, bookmarks and input history will not be stored.

- Value type: String
- Default value: plain

dbus-service

En/Disables the D-Bus service. If the services is disabled, SyncTeX forward synchronization is not available.

- Value type: Boolean
- Default value: true

filemonitor

Defines the file monitor backend used to check for changes in files. Possible values are "glib", "signal" (if signal handling is supported), and "noop". The "noop" file monitor does not trigger reloads.

- Value type: String
- Default value: glib

incremental-search

En/Disables incremental search (search while typing).

- Value type: Boolean
- Default value: true

highlight-color

Defines the color that is used for highlighting parts of the document (e.g.: show search results)

- Value type: String
- Default value: #9FBC00

highlight-active-color

Defines the color that is used to show the current selected highlighted element (e.g: current search result)

- Value type: String
- Default value: #00BC00

highlight-transparency

Defines the opacity of a highlighted element

- Value type: Float
- Default value: 0.5

page-padding

The page padding defines the gap in pixels between each rendered page.

- Value type: Integer
- Default value: 1

page-cache-size

Defines the maximum number of pages that could be kept in the page cache. When the cache is full and a new page that isn't cached becomes visible, the least recently viewed page in the cache will be evicted to make room for the new one. Large values for this variable are NOT recommended, because this will lead to consuming a significant portion of the system memory.

- Value type: Integer
- Default value: 15

page-thumbnaill-size

Defines the maximum size in pixels of the thumbnail that could be kept in the thumbnail cache per page. The thumbnail is scaled for a quick preview during zooming before the page is rendered. When the page is rendered, the result is saved as the thumbnail only if the size is no more than this value. A larger value increases quality but introduces longer delay in zooming and uses more system memory.

- Value type: Integer
- Default value: 4194304 (4M)

pages-per-row

Defines the number of pages that are rendered next to each other in a row.

- Value type: Integer
- Default value: 1

first-page-column

Defines the column in which the first page will be displayed. This setting is stored separately for every value of pages-per-row according to the following pattern <1 page per row>[:<2 pages per row>[: ...]]. The last value in the list will be used for all other number of pages per row if not set explicitly.

Per default, the first column is set to 2 for double-page layout, i.e. the faule is set to 1:2. A value of 1:1:3 would put the first page in dual-page layour in the first column, and for layouts with more columns the first page would be put in the 3rd column.

- Value type: String
- Default value: 1:2

recolor

En/Disables recoloring

- Value type: Boolean
- Default value: false

recolor-keephue

En/Disables keeping original hue when recoloring

- Value type: Boolean
- Default value: false

recolor-darkcolor

Defines the color value that is used to represent dark colors in recoloring mode

- Value type: String
- Default value: #FFFFFF

recolor-lightcolor

Defines the color value that is used to represent light colors in recoloring mode

- Value type: String
- Default value: #000000

recolor-reverse-video

Defines if original image colors should be kept while recoloring.

- Value type: Boolean
- Default value: false

render-loading

Defines if the "Loading..." text should be displayed if a page is rendered.

- Value type: Boolean
- Default value: true

render-loading-bg

Defines the background color that is used for the "Loading..." text.

- Value type: String
- Default value: #FFFFFF

render-loading-fg

Defines the foreground color that is used for the "Loading..." text.

- Value type: String
- Default value: #000000

scroll-hstep

Defines the horizontal step size of scrolling by calling the scroll command once

- Value type: Float
- Default value: -1

scroll-step

Defines the step size of scrolling by calling the scroll command once

- Value type: Float
- Default value: 40

scroll-full-overlap

Defines the proportion of the current viewing area that should be visible after scrolling a full page.

- Value type: Float
- Default value: 0

scroll-wrap

Defines if the last/first page should be wrapped

- Value type: Boolean
- Default value: false

show-directories

Defines if the directories should be displayed in completion.

- Value type: Boolean
- Default value: true

show-hidden

Defines if hidden files and directories should be displayed in completion.

- Value type: Boolean
- Default value: false

show-recent

Defines the number of recent files that should be displayed in completion. If the value is negative, no upper bounds are applied. If the value is 0, no recent files are shown.

- Value type: Integer
- Default value: 10

scroll-page-aware

Defines if scrolling by half or full pages stops at page boundaries.

- Value type: Boolean
- Default value: false

smooth-scroll

Defines if scrolling via touchpad should be smooth.

- Value type: Boolean
- Default value: false

link-zoom

En/Disables the ability of changing zoom when following links.

- Value type: Boolean
- Default value: true

link-hadjust

En/Disables aligning to the left internal link targets, for example from the index.

- Value type: Boolean
- Default value: true

search-hadjust

En/Disables horizontally centered search results.

- Value type: Boolean
- Default value: true

window-title-basename

Use basename of the file in the window title.

- Value type: Boolean
- Default value: false

window-title-home-tilde

Display a short version of the file path, which replaces \$HOME with ~, in the window title.

- Value type: Boolean
- Default value: false

window-title-page

Display the page number in the window title.

- Value type: Boolean
- Default value: false

statusbar-basename

Use basename of the file in the statusbar.

- Value type: Boolean
- Default value: false

statusbar-home-tilde

Display a short version of the file path, which replaces \$HOME with ~, in the statusbar.

- Value type: Boolean
- Default value: false

zoom-center

En/Disables horizontally centered zooming.

- Value type: Boolean
- Default value: false

vertical-center

Center the screen at the vertical midpoint of the page by default.

- Value type: Boolean
- Default value: false

zoom-max

Defines the maximum percentage that the zoom level can be.

- Value type: Integer
- Default value: 1000

zoom-min

Defines the minimum percentage that the zoom level can be.

- Value type: Integer
- Default value: 10

zoom-step

Defines the amount of percent that is zoomed in or out on each command.

- Value type: Integer
- Default value: 10

selection-clipboard

Defines the X clipboard into which mouse-selected data will be written. When it is "clipboard", selected data will be written to the CLIPBOARD clipboard, and can be pasted using the Ctrl+v key combination. When it is "primary", selected data will be written to the PRIMARY clipboard, and can be pasted using the middle mouse button, or the Shift-Insert key combination.

- Value type: String

- Default value: primary

selection-notification

Defines if a notification should be displayed after selecting text.

- Value type: Boolean
- Default value: true

synctex

En/Disables SyncTeX backward synchronization support.

- Value type: Boolean
- Default value: true

synctex-editor-command

Defines the command executed for SyncTeX backward synchronization.

- Value type: String
- Default value:

index-fg

Defines the foreground color of the index mode.

- Value type: String
- Default value: #DDDDDD

index-bg

Define the background color of the index mode.

- Value type: String
- Default value: #232323

index-active-fg

Defines the foreground color of the selected element in index mode.

- Value type: String
- Default value: #232323

index-active-bg

Define the background color of the selected element in index mode.

- Value type: String
- Default value: #9FBC00

sandbox

Defines the sandbox mode to use for the seccomp syscall filter. Possible values are "none", "normal" and "strict". If "none" is used, the sandbox will be disabled. The use of "normal" will provide minimal protection and allow normal use of seccomp with support for all features. The "strict" mode is a read only sandbox that is intended for viewing documents only.

- Value type: String
- Default value: normal

Some features are disabled when using strict sandbox mode:

- saving/writing files
- use of input methods like ibus
- printing
- bookmarks and history

No feature regressions are expected when using normal sandbox mode.

window-icon-document

Defines whether the window document should be updated based on the first page of a document.

- Value type: Boolean
- Default value: false

page-right-to-left

Defines whether pages in multi-column view should start from the right side.

- Value type: Boolean
- Default value: false

SEE ALSO

zathura(1)

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