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"
```

For colors, zathura supports HTML color codes and CSS3−style **rgb(r,g,b)** and **rgba(r,g,b,a)** values. 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
```

For **rgba**, note that it parses the color components as integers between 0 and 255 and the alpha component as float between 0 and 1.

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
```

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>
```

Mode   The **map** command expects several arguments where only the **binding** as well as the **short-cut–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 optional_argument
map b shortcut_function optional_argument
map c shortcut_function optional_argument
map 1 shortcut_function optional_argument
map 2 shortcut_function optional_argument
map 3 shortcut_function optional_argument
map ! shortcut_function optional_argument
map ? shortcut_function optional_argument
```

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

If any of the modifiers should be used for a binding, 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. Pass **forward** as argument to move to the next entry and **backward** to move to the previous one.

- **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.

- **feedkeys**

  Simulate key presses. Note that all keys will be interpreted as if pressing a key on the keyboard. To input uppercase letters, follow the same convention as for key bindings, i.e. for **X**, use **<S−X>**.

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

- backward

- collapse

- collapse−all

- default

- down

- expand

- expand−all

- forward

- 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 remaping 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

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

girara

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 statusbar 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: #FFF712

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 recom-
>   mended, because this will lead to consuming a significant portion of the system memory.

- Value type: Integer

- Default value: 15

page−thumbnail−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 sys-
>   tem 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

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 zathura 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.

When running under WSL, the default is "none" since seccomp is not supported in that environment.

window−icon−document
> Defines whether the window document should be updated based on the first page of a dcument.

- 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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