Rocky Enterprise Linux 9.2 Manual Pages on command 'pipewire.conf.5'

$ man pipewire.conf.5

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PIPEWIRE.CONF(5)                File Formats Manual                PIPEWIRE.CONF(5)
```

NAME

pipewire.conf - The PipeWire server configuration file

SYNOPSIS

$XDG_CONFIG_HOME/pipewire/pipewire.conf

/etc/pipewire/pipewire.conf

/usr/share/pipewire/pipewire.conf

/usr/share/pipewire/pipewire.conf.d/

/etc/pipewire/pipewire.conf.d/

$XDG_CONFIG_HOME/pipewire/pipewire.conf.d/

DESCRIPTION

PipeWire is a service that facilitates sharing of multimedia content between devices and applications.

On startup, the daemon reads a main configuration file to configure itself. It executes a series of commands listed in the config file.

The config files are loaded in the order listed in the SYNOPSIS. The environment vari? ables PIPEWIRE_CONFIG_DIR, PIPEWIRE_CONFIG_PREFIX and PIPEWIRE_CONFIG_NAME can be used to specify an alternative config directory, subdirectory and file respectively.

Next to the configuration file can be a directory with the same name as the file with a .d/ suffix. All directories in the SYNOPSIS directory search paths are traversed in the listed order and the contents of the *.conf files inside them are appended to the main configuration file as overrides. Object sections are merged and array sections are ap? pended.

CONFIGURATION FILE FORMAT

The configuration file format is grouped into sections. A section is either a dictionary, {}, or an array, []. Dictionary and array entries are separated by whitespace and may be simple value assignment, an array or a dictionary. For example:

```
name = value # simple assignment
name = { key1 = value1 key2 = value2 } # a dictionary with two entries
name = [ value1 value2 ] # an array with two entries
name = [ { k = v1 } { k = v2 } ] # an array of dictionaries
```

The configuration files can be expressed in full JSON syntax but for ease of use, a re?laxed format may be used where:

? : to delimit keys and values can be substuted by = or a space.

?

" around keys and string can be omited as long as no special characters are used in the strings.

? , to separate objects can be replaced with a whitespace character.

? # can be used to start a comment until the line end

CONFIGURATION FILE SECTIONS

context.properties

Dictionary. These properties configure the PipeWire instance.

context.spa-libs

Dictionary. Maps plugin features with globs to a spa library.

context.modules

Array of dictionaries. Each entry in the array is a dictionary with the name of the module to load, including optional args and flags. Most modules support being loaded multiple times.

context.objects

Array of dictionaries. Each entry in the array is a dictionary containing the fac?tory to create an object from and optional extra arguments specific to that fac?tory.

context.exec

Array of dictionaries. Each entry in the array is dictionary containing the path of a program to execute on startup and optional args.

This array used to contain an entry to start the session manager but this mode of

operation has since been demoted to development aid. Avoid starting a session man?
ager in this way in production environment.

AUTHORS

The PipeWire Developers <https://gitlab.freedesktop.org/pipewire/pipewire/issues>;

PipeWire is available from https://pipewire.org

SEE ALSO

pipewire(1), pw-mon(1),