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

$ man dnf.conf.5

DNF.CONF(5)   DNF   DNF.CONF(5)

NAME

    dnf.conf - DNF Configuration Reference

DESCRIPTION

    DNF by default uses the global configuration file at /etc/dnf/dnf.conf

    and all *.repo files found under /etc/yum.repos.d. The latter is typi‐

    cally used for repository configuration and takes precedence over

    global configuration.

    The configuration file has INI format consisting of section declaration

    and name=value options below each on separate line. There are two types

    of sections in the configuration files: main and repository. Main sec‐

    tion defines all global configuration options and should be only one.

    The repository sections define the configuration for each (remote or

    local) repository. The section name of the repository in brackets serve

    as repo ID reference and should be unique across configuration files.

    The allowed characters of repo ID string are lower and upper case al‐

    phabetic letters, digits, -, _, . and :. The minimal repository con‐

    figuration file should aside from repo ID consists of baseurl, metalink

or mirrorlist option definition.

DISTRIBUTION-SPECIFIC CONFIGURATION

Configuration options, namely best and skip_if_unavailable, can be set
in the DNF configuration file by your distribution to override the DNF
defaults.

[MAIN] OPTIONS

allow_vendor_change

boolean

If disabled dnf will stick to vendor when upgrading or downgrad?
ing rpms. Default is True

WARNING:

This option is currently not supported for downgrade and dis?
tro-sync commands

arch   string

The architecture used for installing packages. By default this
is auto-detected. Often used together with ignorearch option.

assumeno

boolean

If enabled dnf will assume No where it would normally prompt for
confirmation from user input. Default is False.

assumeyes

boolean

If enabled dnf will assume Yes where it would normally prompt
for confirmation from user input (see also defaultyes). Default
is False.

autocheck_running_kernel

boolean

Automatic check whether there is installed newer kernel module
with security update than currently running kernel. Default is
True.

basearch

string

The base architecture used for installing packages. By default

this is auto-detected.

best boolean

True instructs the solver to either use a package with the high‐
est available version or fail. On False, do not fail if the lat‐
est version cannot be installed and go with the lower version.
The default is False. Note this option in particular can be set
in your configuration file by your distribution. Also note that
the use of the highest available version is only guaranteed for
the packages directly requested and not for their dependencies.

cachedir

string

Path to a directory used by various DNF subsystems for storing
cache data. Has a reasonable root-writable default depending on
the distribution. DNF needs to be able to create files and di‐
rectories at this location.

cacheonly

boolean

If set to True DNF will run entirely from system cache, will not
update the cache and will use it even in case it is expired. De‐
fault is False.

API Notes: Must be set before repository objects are created.
Plugins must set this in the pre_config hook. Later changes are
ignored.

check_config_file_age

boolean

Specifies whether dnf should automatically expire metadata of
repos, which are older than their corresponding configuration
file (usually the dnf.conf file and the foo.repo file). Default
is True (perform the check). Expire of metadata is also affected
by metadata age. See also metadata_expire.

clean_requirements_on_remove

boolean

Remove dependencies that are no longer used during dnf remove. A

package only qualifies for removal via clean_requirements_on_re?
move if it was installed through DNF but not on explicit user
request, i.e. it was pulled in as a dependency. The default is
True. (installonlypkgs are never automatically removed.)

config_file_path

string

Path to the default main configuration file. Default is
/etc/dnf/dnf.conf.

debuglevel

integer

Debug messages output level, in the range 0 to 10. The higher
the number the more debug output is put to stdout. Default is 2.

debug_solver

boolean

Controls whether the libsolv debug files should be created when
solving the transaction. The debug files are created in the
./debugdata directory. Default is False.

defaultyes

boolean

If enabled the default answer to user confirmation prompts will
be Yes. Not to be confused with assumeyes which will not prompt
at all. Default is False.

diskspacecheck

boolean

Controls whether rpm should check available disk space during
the transaction. Default is True.

errorlevel

integer

Error messages output level, in the range 0 to 10. The higher
the number the more error output is put to stderr. Default is 3.
This is deprecated in DNF and overwritten by --verbose command?
line option.

exclude_from_weak

list

Prevent installing packages as weak dependencies (recommends or supplements). The packages can be specified by a name or a glob and separated by a comma. Defaults to [].

exclude_from_weak_autodetect

boolean

If enabled, dnf will autodetect unmet weak dependencies (recom? mends or supplements) of packages installed on the system. Providers of these weak dependencies will not be installed by dnf as weak dependencies any more (they will still be installed if pulled in as a regular dependency). Defaults to true.

exit_on_lock

boolean

Should the dnf client exit immediately when something else has the lock. Default is False.

gpgkey_dns_verification

boolean

Should the dnf attempt to automatically verify GPG verification keys using the DNS system. This option requires the unbound python module (python3-unbound) to be installed on the client system. This system has two main features. The first one is to check if any of the already installed keys have been revoked. Automatic removal of the key is not yet available, so it is up to the user, to remove revoked keys from the system. The second feature is automatic verification of new keys when a repository is added to the system. In interactive mode, the result is writ? ten to the output as a suggestion to the user. In non-interac? tive mode (i.e. when -y is used), this system will automatically accept keys that are available in the DNS and are correctly signed using DNSSEC. It will also accept keys that do not exist in the DNS system and their NON-existence is cryptographically proven using DNSSEC. This is mainly to preserve backward compat? ibility. Default is False.

group_package_types

    list

    List of the following: optional, default, mandatory. Tells dnf
    which type of packages in groups will be installed when
    'groupinstall' is called. Default is: default, mandatory.

ignorearch

    boolean

    If set to True, RPM will allow attempts to install packages in?
    compatible with the CPU's architecture. Defaults to False. Often
    used together with arch option.

installonlypkgs

    list

    List of provide names of packages that should only ever be in?
    stalled, never upgraded. Kernels in particular fall into this
    category. These packages are never removed by dnf autoremove
    even if they were installed as dependencies (see
    clean_requirements_on_remove for auto removal details). This
    option append the list values to the default installonlypkgs
    list used by DNF. The number of kept package versions is regu?
    lated by installonly_limit.

installonly_limit

    integer

    Number of installonly packages allowed to be installed concur?
    rently. Defaults to 3. The minimal number of installonly pack?
    ages is 2. Value 0 means unlimited number of installonly pack?
    ages. Value 1 is explicitly not allowed since it complicates
    kernel upgrades due to protection of the running kernel from re?
    moval.

installroot

    string

    The root of the filesystem for all packaging operations. It re?
    quires an absolute path. See also --installroot commandline op?
    tion.

install_weak_deps

> boolean

> When this option is set to True and a new package is about to be installed, all packages linked by weak dependency relation (Rec? ommends or Supplements flags) with this package will be pulled into the transaction. Default is True.

keepcache

> boolean

> Keeps downloaded packages in the cache when set to True. Even if it is set to False and packages have not been installed they will still persist until next successful transaction. The de? fault is False.

logdir string

> Directory where the log files will be stored. Default is /var/log.

logfilelevel

> integer

> Log file messages output level, in the range 0 to 10. The higher the number the more debug output is put to logs. Default is 9. This option controls dnf.log, dnf.librepo.log and hawkey.log. Although dnf.librepo.log and hawkey.log are affected only by setting the logfilelevel to 10.

log_compress

> boolean

> When set to True, log files are compressed when they are ro? tated. Default is False.

log_rotate

> integer

> Log files are rotated log_rotate times before being removed. If log_rotate is 0, the rotation is not performed. Default is 4.

log_size

> storage size

> Log files are rotated when they grow bigger than log_size

bytes. If log_size is 0, the rotation is not performed. The de?

fault is 1 MB. Valid units are 'k', 'M', 'G'.

The size applies for individual log files, not the sum of all

log files. See also log_rotate.

metadata_timer_sync

time in seconds

The minimal period between two consecutive makecache timer runs.

The command will stop immediately if it's less than this time

period since its last run. Does not affect simple makecache run.

Use 0 to completely disable automatic metadata synchronizing.

The default corresponds to three hours. The value is rounded to

the next commenced hour.

module_obsoletes

boolean

This option controls whether dnf should apply modular obsoletes

when possible. Default is False.

module_platform_id

string

Set this to $name:$stream to override PLATFORM_ID detected from

/etc/os-release.   It is necessary to perform a system upgrade

and switch to a new platform.

module_stream_switch

boolean

This option controls whether it's possible to switch enabled

streams of a module. Default is False.

multilib_policy

string

Controls how multilib packages are treated during install opera?

tions. Can either be "best" (the default) for the depsolver to

prefer packages which best match the system's architecture, or

"all" to install packages for all available architectures.

obsoletes

boolean

This option only has affect during an install/update. It enables dnf's obsoletes processing logic, which means it makes dnf check whether any dependencies of given package are no longer required and removes them. Useful when doing distribution level up‐grades. Default is 'true'.

Command-line option: --obsoletes

persistdir

string

Directory where DNF stores its persistent data between runs. De‐fault is "/var/lib/dnf".

pluginconfpath

list

List of directories that are searched for plugin configurations to load. All configuration files found in these directories, that are named same as a plugin, are parsed. The default path is /etc/dnf/plugins.

pluginpath

list

List of directories that are searched for plugins to load. Plug‐ins found in any of the directories in this configuration option are used. The default contains a Python version-specific path.

plugins

boolean

Controls whether the plugins are enabled. Default is True.

protected_packages

list

List of packages that DNF should never completely remove. They are protected via Obsoletes as well as user/plugin removals. The default is: dnf, glob:/etc/yum/protected.d/*.conf and glob:/etc/dnf/protected.d/*.conf. So any packages which should be protected can do so by including a file in /etc/dnf/pro‐tected.d with their package name in it.

DNF will protect also the package corresponding to the running

version of the kernel. See also protect_running_kernel option.

protect_running_kernel

boolean

Controls whether the package corresponding to the running ver?
sion of kernel is protected from removal. Default is True.

releasever

string

Used for substitution of $releasever in the repository configu?
ration. See also repo variables.

reposdir

list

DNF searches for repository configuration files in the paths
specified by reposdir. The behavior of reposdir could differ
when it is used along with --installroot option.

rpmverbosity

string

RPM debug scriptlet output level. One of: critical, emergency,
error, warn, info or debug. Default is info.

strict boolean

If disabled, all unavailable packages or packages with broken
dependencies given to DNF command will be skipped without rais?
ing the error causing the whole operation to fail. Currently
works for install command only. The default is True.

tsflags

list

List of strings adding extra flags for the RPM transaction.

```
????????????????????????????????????????????????
?tsflag value ? RPM Transaction Flag     ?
????????????????????????????????????????????????
?noscripts   ? RPMTRANS_FLAG_NOSCRIPTS   ?
????????????????????????????????????????????????
?test        ? RPMTRANS_FLAG_TEST        ?
????????????????????????????????????????????????
```

```
?notriggers   ? RPMTRANS_FLAG_NOTRIGGERS   ?
????????????????????????????????????????????
?nodocs       ? RPMTRANS_FLAG_NODOCS       ?
????????????????????????????????????????????
?justdb       ? RPMTRANS_FLAG_JUSTDB       ?
????????????????????????????????????????????
?nocontexts   ? RPMTRANS_FLAG_NOCONTEXTS   ?
????????????????????????????????????????????
?nocaps       ? RPMTRANS_FLAG_NOCAPS       ?
????????????????????????????????????????????
?nocrypto     ? RPMTRANS_FLAG_NOFILEDIGEST ?
????????????????????????????????????????????
```

The nocrypto option will also set the _RPMVSF_NOSIGNATURES and
_RPMVSF_NODIGESTS VS flags. The test option provides a transac?
tion check without performing the transaction. It includes down?
loading of packages, gpg keys check (including permanent import
of additional keys if necessary), and rpm check to prevent file
conflicts. The nocaps is supported with rpm-4.14 or later. When
nocaps is used but rpm doesn't support it, DNF only reports it
as an invalid tsflag.

upgrade_group_objects_upgrade

boolean

Set this to False to disable the automatic running of group up?
grade when running the upgrade command. Default is True (perform
the operation).

varsdir

list

List of directories where variables definition files are looked
for. Defaults to "/etc/dnf/vars", "/etc/yum/vars". See variable
files in Configuration reference.

zchunk boolean

Enables or disables the use of repository metadata compressed
using the zchunk format (if available). Default is True.

[MAIN] OPTIONS - COLORS

color string

> Controls if DNF uses colored output on the command line. Possi?
>
> ble values: "auto", "never", "always". Default is "auto".

color_list_available_downgrade

> color
>
> Color of available packages that are older than installed pack?
>
> ages. The option is used during list operations. Default is ma?
>
> genta.

color_list_available_install

> color
>
> Color of packages that are available for installation and none
>
> of their versions in installed. The option is used during list
>
> operations. Default is bold,cyan.

color_list_available_reinstall

> color
>
> Color of available packages that are identical to installed ver?
>
> sions and are available for reinstalls. Default is bold,under?
>
> line,green. The option is used during list operations.

color_list_available_upgrade

> color
>
> Color of available packages that are newer than installed pack?
>
> ages. Default is bold,blue. The option is used during list op?
>
> erations.

color_list_installed_extra

> color
>
> Color of installed packages that do not have any version among
>
> available packages. The option is used during list operations.
>
> Default is bold,red.

color_list_installed_newer

> color
>
> Color of installed packages that are newer than any version
>
> among available packages. The option is used during list opera?

tions. Default is bold,yellow.

color_list_installed_older

color

Color of installed packages that are older than any version
among available packages. The option is used during list opera?
tions. Default is yellow.

color_list_installed_reinstall

color

Color of installed packages that are among available packages
and can be reinstalled. The option is used during list opera?
tions. Default is cyan.

color_search_match

color

Color of patterns matched in search output. Default is bold,ma?
genta.

color_update_installed

color

Color of removed packages. Default is red. This option is used
during displaying transactions.

color_update_local

color

Color of local packages that are installed from the @commandline
repository. This option is used during displaying transactions.
Default is green.

color_update_remote

color

Color of packages that are installed/upgraded/downgraded from
remote repositories.   This option is used during displaying
transactions. Default is bold,green.

REPO OPTIONS

baseurl

list

List of URLs for the repository. Defaults to [].

URLs are tried in the listed order (equivalent to yum's "failovermethod=priority" behaviour).

cost integer

The relative cost of accessing this repository, defaulting to 1000. This value is compared when the priorities of two reposi‐ tories are the same. The repository with the lowest cost is picked. It is useful to make the library prefer on-disk reposi‐ tories to remote ones.

enabled

boolean

Include this repository as a package source. The default is True.

gpgkey list of strings

URLs of a GPG key files that can be used for signing metadata and packages of this repository, empty by default. If a file can not be verified using the already imported keys, import of keys from this option is attempted and the keys are then used for verification.

metalink

string

URL of a metalink for the repository. Defaults to None.

mirrorlist

string

URL of a mirrorlist for the repository. Defaults to None.

module_hotfixes

boolean

Set this to True to disable module RPM filtering and make all RPMs from the repository available. The default is False. This allows user to create a repository with cherry-picked hotfixes that are included in a package set on a modular system.

name string

A human-readable name of the repository. Defaults to the ID of the repository.

priority

> integer

> The priority value of this repository, default is 99. If there

> is more than one candidate package for a particular operation,

> the one from a repo with the lowest priority value is picked,

> possibly despite being less convenient otherwise (e.g. by being

> a lower version).

type   string

> Type of repository metadata. Supported values are: rpm-md.

> Aliases for rpm-md: rpm, repomd, rpmmd, yum, YUM.

REPO VARIABLES

Right side of every repo option can be enriched by the following vari?

ables:

$arch

> Refers to the system?s CPU architecture e.g, aarch64, i586, i686 and

> x86_64.

$basearch

> Refers to the base architecture of the system. For example, i686 and

> i586 machines both have a base architecture of i386, and AMD64 and

> Intel64 machines have a base architecture of x86_64.

$releasever

> Refers to the release version of operating system which DNF derives

> from information available in RPMDB.

In addition to these hard coded variables, user-defined ones can also

be used. They can be defined either via variable files, or by using

special environmental variables. The names of these variables must be

prefixed with DNF_VAR_ and they can only consist of alphanumeric char?

acters and underscores:

> $ DNF_VAR_MY_VARIABLE=value

To use such variable in your repository configuration remove the pre?

fix. E.g.:

> [myrepo]

> baseurl=https://example.site/pub/fedora/$MY_VARIABLE/releases/$releasever

Note that it is not possible to override the arch and basearch vari‐
ables using either variable files or environmental variables.

Although users are encouraged to use named variables, the numbered en‐
vironmental variables DNF0 - DNF9 are still supported:

    $ DNF1=value

    [myrepo]

    baseurl=https://example.site/pub/fedora/$DNF1/releases/$releasever

OPTIONS FOR BOTH [MAIN] AND REPO

Some options can be applied in either the main section, per repository,
or in a combination. The value provided in the main section is used for
all repositories as the default value, which repositories can then
override in their configuration.

bandwidth

    storage size

    Total bandwidth available for downloading. Meaningful when used
    with the throttle option. Storage size is in bytes by default
    but can be specified with a unit of storage. Valid units are
    'k', 'M', 'G'.

countme

    boolean

    Determines whether a special flag should be added to a single,
    randomly chosen metalink/mirrorlist query each week. This al‐
    lows the repository owner to estimate the number of systems con‐
    suming it, by counting such queries over a week's time, which is
    much more accurate than just counting unique IP addresses (which
    is subject to both overcounting and undercounting due to short
    DHCP leases and NAT, respectively).

    The flag is a simple "countme=N" parameter appended to the met‐
    alink and mirrorlist URL, where N is an integer representing the
    "longevity" bucket this system belongs to. The following 4
    buckets are defined, based on how many full weeks have passed
    since the beginning of the week when this system was installed:

    1 = first week, 2 = first month (2-4 weeks), 3 = six months

(5-24 weeks) and 4 = more than six months (> 24 weeks). This information is meant to help distinguish short-lived installs from long-term ones, and to gather other statistics about system lifecycle.

Default is False.

deltarpm

boolean

When enabled, DNF will save bandwidth by downloading much smaller delta RPM files, rebuilding them to RPM locally. How‐ ever, this is quite CPU and I/O intensive. Default is True.

deltarpm_percentage

integer

When the relative size of delta vs pkg is larger than this, delta is not used. Default value is 75 (Deltas must be at least 25% smaller than the pkg). Use 0 to turn off delta rpm process‐ ing. Local repositories (with file:// baseurl) have delta rpms turned off by default.

enablegroups

boolean

Determines whether DNF will allow the use of package groups for this repository. Default is True (package groups are allowed).

excludepkgs

list

Exclude packages of this repository, specified by a name or a glob and separated by a comma, from all operations. Can be dis‐ abled using --disableexcludes command line switch. Defaults to [].

fastestmirror

boolean

If enabled a metric is used to find the fastest available mir‐ ror. This overrides the order provided by the mirrorlist/met‐ alink file itself. This file is often dynamically generated by the server to provide the best download speeds and enabling

fastestmirror overrides this. The default is False.

gpgcheck

    boolean

    Whether to perform GPG signature check on packages found in this
repository. The default is False.

    This option can only be used to strengthen the active RPM secu?
rity policy set with the %_pkgverify_level macro (see the
/usr/lib/rpm/macros file for details). That means, if the macro
is set to 'signature' or 'all' and this option is False, it will
be overridden to True during DNF runtime, and a warning will be
printed. To squelch the warning, make sure this option is True
for every enabled repository, and also enable localpkg_gpgcheck.

includepkgs

    list

    Include packages of this repository, specified by a name or a
glob and separated by a comma, in all operations.   Inverse of
excludepkgs, DNF will exclude any package in the repository that
doesn't match this list. This works in conjunction with ex?
cludepkgs   and doesn't override it, so if you 'excludep?
kgs=*.i386' and 'includepkgs=python*' then only packages start?
ing with python that do not have an i386 arch will be seen by
DNF in this repo. Can be disabled using --disableexcludes com?
mand line switch. Defaults to [].

ip_resolve

    IP address type

    Determines how DNF resolves host names. Set this to '4'/'IPv4'
or '6'/'IPv6' to resolve to IPv4 or IPv6 addresses only. By de?
fault, DNF resolves to either addresses.

localpkg_gpgcheck

    boolean

    Whether to perform a GPG signature check on local packages
(packages in a file, not in a repository).   The default is
False. This option is subject to the active RPM security policy

(see gpgcheck for more details).

max_parallel_downloads

    integer

    Maximum number of simultaneous package downloads. Defaults to 3.

    Maximum of 20.

metadata_expire

    time in seconds

    The period after which the remote repository is checked for
    metadata update and in the positive case the local metadata
    cache is updated. The default corresponds to 48 hours. Set this
    to -1 or never to make the repo never considered expired. Expire
    of metadata can be also triggered by change of timestamp of con?
    figuration files (dnf.conf, <repo>.repo). See also
    check_config_file_age.

minrate

    storage size

    This sets the low speed threshold in bytes per second. If the
    server is sending data at the same or slower speed than this
    value for at least timeout option seconds, DNF aborts the con?
    nection. The default is 1000. Valid units are 'k', 'M', 'G'.

password

    string

    The password to use for connecting to a repository with basic
    HTTP authentication. Empty by default.

proxy string

    URL of a proxy server to connect through. Set to an empty string
    in the repository configuration to disable proxy setting inher?
    ited from the main section. The expected format of this option
    is <scheme>://<ip-or-hostname>[:port]. (For backward compati?
    bility, '_none_' can be used instead of the empty string.)

    Note: The curl environment variables (such as http_proxy) are
    effective if this option is unset (or '_none_' is set in the
    repository configuration). See the curl man page for details.

proxy_username

string

The username to use for connecting to the proxy server. Empty by default.

proxy_password

string

The password to use for connecting to the proxy server. Empty by default.

proxy_auth_method

string

The authentication method used by the proxy server. Valid values are

method	meaning
basic	HTTP Basic authentication
digest	HTTP Digest authentication
negotiate	HTTP Negotiate (SPNEGO) authentication
ntlm	HTTP NTLM authentication
digest_ie	HTTP Digest authentication with an IE flavor
ntlm_wb	NTLM delegating to winbind helper
none	None auth method
any	All suitable methods

??

Defaults to any

proxy_sslcacert

string

Path to the file containing the certificate authorities to ver?

ify proxy SSL certificates. Empty by default - uses system de?

fault.

proxy_sslverify

boolean

When enabled, proxy SSL certificates are verified. If the client

can not be authenticated, connecting fails and the repository is

not used any further. If False, SSL connections can be used, but

certificates are not verified. Default is True.

proxy_sslclientcert

string

Path to the SSL client certificate used to connect to proxy

server. Empty by default.

proxy_sslclientkey

string

Path to the SSL client key used to connect to proxy server.

Empty by default.

repo_gpgcheck

boolean

Whether to perform GPG signature check on this repository's

metadata. The default is False. Note that GPG keys for this

check are stored separately from GPG keys used in package signa?

ture verification. Furthermore, they are also stored separately

for each repository.

This means that dnf may ask to import the same key multiple

times. For example, when a key was already imported for package

signature verification and this option is turned on, it may be

needed to import it again for the repository.

retries

integer

Set the number of total retries for downloading packages. The number is accumulative, so e.g. for retries=10, dnf will fail after any package download fails for eleventh time. Setting this to 0 makes dnf try forever. Default is 10.

skip_if_unavailable

boolean

If enabled, DNF will continue running and disable the repository that couldn't be synchronized for any reason. This option doesn't affect skipping of unavailable packages after dependency resolution. To check inaccessibility of repository use it in combination with refresh command line option. The default is False. Note this option in particular can be set in your con? figuration file by your distribution.

sslcacert

string

Path to the file containing the certificate authorities to ver? ify SSL certificates. Empty by default - uses system default.

sslverify

boolean

When enabled, remote SSL certificates are verified. If the client can not be authenticated, connecting fails and the repos? itory is not used any further. If False, SSL connections can be used, but certificates are not verified. Default is True.

sslverifystatus

boolean

When enabled, revocation status of the server certificate is verified using the "Certificate Status Request" TLS extension (aka. OCSP stapling). Default is False.

sslclientcert

string

Path to the SSL client certificate used to connect to remote sites. Empty by default.

sslclientkey

>   string

>   Path to the SSL client key used to connect to remote sites.

>   Empty by default.

throttle

>   storage size

>   Limits the downloading speed. It might be an absolute value or a

>   percentage, relative to the value of the bandwidth option op?

>   tion. 0 means no throttling (the default). The absolute value is

>   in bytes by default but can be specified with a unit of storage.

>   Valid units are 'k', 'M', 'G'.

timeout

>   time in seconds

>   Number of seconds to wait for a connection before timing out.

>   Used in combination with minrate option option. Defaults to 30

>   seconds.

username

>   string

>   The username to use for connecting to repo with basic HTTP au?

>   thentication. Empty by default.

user_agent

>   string

>   The User-Agent string to include in HTTP requests sent by DNF.

>   Defaults to

>>   libdnf (NAME VERSION_ID; VARIANT_ID; OS.BASEARCH)

>   where NAME, VERSION_ID and VARIANT_ID are OS identifiers read

>   from the os-release(5) file, and OS and BASEARCH are the canoni?

>   cal OS name and base architecture, respectively. Example:

>>   libdnf (Fedora 31; server; Linux.x86_64)

TYPES OF OPTIONS

>   boolean

>>   This is a data type with only two possible values.

>>   One of following options can be used: 1, 0, True, False, yes, no

integer

It is a whole number that can be written without a fractional
component.

list   It is an option that could represent one or more strings sepa?
rated by space or comma characters.

string It is a sequence of symbols or digits without any whitespace
character.

color A string describing color and modifiers separated with a comma,
for example "red,bold".

? Colors: black, blue, cyan, green, magenta, red, white, yellow

? Modifiers: bold, blink, dim, normal, reverse, underline

FILES

Cache Files

/var/cache/dnf

Main Configuration File

/etc/dnf/dnf.conf

Repository

/etc/yum.repos.d/

Variables

Any properly named file in /etc/dnf/vars is turned into a vari?
able named after the filename (or overrides any of the above
variables but those set from commandline). Filenames may contain
only alphanumeric characters and underscores and be in lower?
case. Variables are also read from /etc/yum/vars for YUM com?
patibility reasons.

SEE ALSO

? dnf(8), DNF Command Reference

AUTHOR

See AUTHORS in DNF source distribution.

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