NAME
   initramfs.conf − configuration file for mkinitramfs

DESCRIPTION
   The behaviour of **mkinitramfs** can be modified by its configuration file.

   Each line in the file can be a configuration variable, a blank line, or a comment. The value of an variable is assigned by an statement of the form: *name*=[*value*]

   Configuration options can be broken out into configuration snippets and placed in individual files in the /etc/initramfs-tools/conf.d directory. Files in this directory are always read **after** the main configuration file, so you can override the settings in the main config file without editing it directly.

GENERAL VARIABLES
   MODULES
      Specifies the modules for the initramfs image.

      Modules listed in */etc/initramfs-tools/modules* and */usr/share/initramfs-tools/modules.d/** are always included in the initramfs, and are loaded early in the boot process.

      list doesn't load any additional modules at boot time, other than those listed in the above files.

      most adds most file system, all ata, sata, scsi and usb drivers.

      dep tries to guess which modules are necessary for the running box and only adds those modules.

      netboot adds the base and network modules, but skips block devices.

      The default setting is *most*.

   BUSYBOX
      Include busybox utilities for the boot scripts. If set to 'n' **mkinitramfs** will build an initramfs without busybox. Beware that many boot scripts need busybox utilities.

   COMPCACHE_SIZE
      Amount of RAM to use for RAM-based compressed swap space. The default is not to use compcache.

      An empty value − compcache isn't used, or added to the initramfs at all.

      An integer and K (e.g. *65536 K*) − use a number of kilobytes.

      An integer and M (e.g. *256 M*) − use a number of megabytes.

      An integer and G (e.g. *1 G*) − use a number of gigabytes.

      An integer and % (e.g. *50 %*) − use a percentage of the amount of RAM.

      You can optionally install the *compcache* package to configure this setting via debconf and have userspace scripts to load and unload compcache.

COMPRESS
Specifies the compression method used for the initramfs image. **mkinitramfs** will default to gzip
if the kernel lacks support (CONFIG_RD) or the corresponding userspace utility is not present.

UMASK
Set the umask value of the generated initramfs file. Useful to not disclose eventual keys.

BOOT Allows one to use an nfs drive as the root of the drive. The default is to boot from *local* media
(hard drive, USB stick). Set to *nfs* for an NFS root share.

RUNSIZE
The size of the */run* tmpfs mount point in bytes (suffixes are supported) or as percentage of your
physical RAM. This parameter is used as the value of the size mount option to tmpfs. See
https://www.kernel.org/doc/Documentation/filesystems/tmpfs.txt for details. Can be overridden
by an optional **initramfs.runsize=** bootarg. The default is 10%.

VARIABLES FOR LOCAL BOOT
RESUME
Specifies the device used for suspend-to-disk (hibernation), which the initramfs code should at-
tempt to resume from. If this is not defined or is set to *auto*, **mkinitramfs** will automatically se-
lect the largest available swap partition. Set it to *none* to disable resume from disk.

VARIABLES FOR NFS BOOT
DEVICE
Specifies the default network interface to use, like eth0. The *ip* or *BOOTIF* bootargs may override
this.

VLAN Specifies the VLAN tag id to setup, e.g. VLAN=eth0.1:eth0. The *vlan* bootarg may override this.

ROOT
Allows optional root bootarg hardcoding, when no root bootarg can be passed. A root bootarg
overrides that special setting.

NFSROOT
Defaults to *auto* in order to pick up value from DHCP server. Otherwise you need to specify
HOST:MOUNT.

FILES
/etc/initramfs-tools/initramfs.conf

AUTHOR
The initramfs-tools are written by Maximilian Attems <maks@debian.org>, Jeff Bailey <jbailey@raspber-
ryginger.com> and numerous others. Loosely based on mkinitrd.conf by Herbert Xu.

SEE ALSO
initramfs-tools(7), *mkinitramfs*(8), *update-initramfs*(8).