Rocky Enterprise Linux 9.2 Manual Pages on command 'update-rc.d.8'

$ man update-rc.d.8

UPDATE-RC.D(8)   Debian GNU/Linux   UPDATE-RC.D(8)

NAME

    update-rc.d - install and remove System-V style init script links

SYNOPSIS

    update-rc.d [-f] name remove

    update-rc.d name defaults

    update-rc.d name defaults-disabled

    update-rc.d name disable|enable [S|2|3|4|5]

DESCRIPTION

    update-rc.d updates the System V style init script links /etc/rcrunlevel.d/NNname whose

    target is the script /etc/init.d/name. These links are run by init when it changes run?

    levels; they are generally used to start and stop system services such as daemons. run?

    level is one of the runlevels supported by init, namely, 0123456789S, and NN is the

    two-digit sequence number that determines where in the sequence init will run the scripts.

    This manpage documents only the usage and behaviour of update-rc.d. For a discussion of

    the System V style init script arrangements please see init(8) and the Debian Policy Man?

    ual.

INSTALLING INIT SCRIPT LINKS

    update-rc.d requires dependency and runlevel information to be provided in the init.d

    script LSB comment header of all init.d scripts. See the insserv(8) manual page for de?

    tails about the LSB header format.

    When run with the defaults option, update-rc.d makes links named /etc/rcrun?

    level.d/[SK]NNname that point to the script /etc/init.d/name, using runlevel and depen?

dency information from the init.d script LSB comment header.

When run with the defaults-disabled option, update-rc.d makes links named /etc/rcrun?level.d/KNNname that point to the script /etc/init.d/name, using dependency information from the init.d script LSB comment header. This means that the init.d script will be dis?abled (see below).

If any files named /etc/rcrunlevel.d/[SK]??name already exist then update-rc.d does noth?ing. The program was written this way so that it will never change an existing configura?tion, which may have been customized by the system administrator. The program will only install links if none are present, i.e., if it appears that the service has never been in?stalled before.

Older versions of update-rc.d also supported start and stop options. These options are no longer supported, and are now equivalent to the defaults option.

A common system administration error is to delete the links with the thought that this will "disable" the service, i.e., that this will prevent the service from being started. However, if all links have been deleted then the next time the package is upgraded, the package's postinst script will run update-rc.d again and this will reinstall links at their factory default locations. The correct way to disable services is to configure the service as stopped in all runlevels in which it is started by default. In the System V init system this means renaming the service's symbolic links from S to K. .P The script .BI /etc/init.d/ name must exist before update-rc.d is run to create the links.

REMOVING SCRIPTS

When invoked with the remove option, update-rc.d removes any links in the /etc/rcrun?level.d directories to the script /etc/init.d/name. The script must have been deleted al?ready. If the script is still present then update-rc.d aborts with an error message. .P update-rc.d is usually called from a package's post-removal script when that script is given the purge argument. Any files in the /etc/rcrunlevel.d directories that are not symbolic links to the script /etc/init.d/name will be left untouched.

DISABLING INIT SCRIPT START LINKS

When run with the disable [S|2|3|4|5] options, update-rc.d modifies existing runlevel links for the script /etc/init.d/name by renaming start links to stop links with a se?quence number equal to the difference of 100 minus the original sequence number.

When run with the enable [S|2|3|4|5] options, update-rc.d modifies existing runlevel links for the script /etc/init.d/name by renaming stop links to start links with a se?

quence number equal to the positive difference of current sequence number minus 100, thus

returning to the original sequence number that the script had been installed with before

disabling it. .P Both of these options only operate on start runlevel links of S, 2, 3, 4

or 5. If no start runlevel is specified after the disable or enable keywords, the script

will attempt to modify links in all start runlevels.

OPTIONS

-f   Force removal of symlinks even if /etc/init.d/name still exists.

EXAMPLES

Insert links using the defaults:

update-rc.d foobar defaults

The equivalent dependency header would have start and stop dependencies on $remote_fs and

$syslog, and start in runlevels 2-5 and stop in runlevels 0, 1 and 6.

Remove all links for a script (assuming foobar has been deleted already):

update-rc.d foobar remove

Example of disabling a service:

update-rc.d foobar disable

Example of a command for installing a system initialization-and-shutdown script:

update-rc.d foobar defaults

Example of a command for disabling a system initialization-and-shutdown script:

update-rc.d foobar disable

BUGS

See http://bugs.debian.org/sysv-rc and http://bugs.debian.org/init-system-helpers.

FILES

/etc/init.d/

The directory containing the actual init scripts.

/etc/rc?.d/

The directories containing the links used by init and managed by update-rc.d .

/etc/init.d/skeleton

Model for use by writers of init.d scripts.

SEE ALSO

Debian Policy Manual,

/etc/init.d/skeleton,

insserv(8),

init(8)

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