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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'systemd-id128.1' command***

***\$ man systemd-id128.1***

SYSTEMD-ID128(1)            systemd-id128            SYSTEMD-ID128(1)

### NAME

systemd-id128 - Generate and print sd-128 identifiers

### SYNOPSIS

systemd-id128 [OPTIONS...] new

systemd-id128 [OPTIONS...] machine-id

systemd-id128 [OPTIONS...] boot-id

systemd-id128 [OPTIONS...] invocation-id

### DESCRIPTION

id128 may be used to conveniently print sd-id128(3) UUIDs. What identifier is printed depends on the specific verb.

With new, a new random identifier will be generated.

With machine-id, the identifier of the current machine will be printed.

See machine-id(5).

With `boot-id`, the identifier of the current boot will be printed.

Both `machine-id` and `boot-id` may be combined with the `--app-specific=app-id` switch to generate application-specific IDs. See `sd-id128_get_machine(3)` for the discussion when this is useful.

With `invocation-id`, the identifier of the current service invocation will be printed. This is available in `systemd` services. See `systemd.exec(5)`.

With `show`, well-known IDs are printed (for now, only GPT partition type UUIDs), along with brief identifier strings. When no arguments are specified, all known IDs are shown. When arguments are specified, they must be the identifiers or ID values of one or more known IDs, which are then printed. Combine with `--uuid` to list the IDs in UUID style, i.e. the way GPT partition type UUIDs are usually shown.

## OPTIONS

The following options are understood:

`-p, --pretty`

Generate output as programming language snippets.

`-a app-id, --app-specific=app-id`

With this option, an identifier that is the result of hashing the application identifier `app-id` and the machine identifier will be printed. The `app-id` argument must be a valid `sd-id128` string identifying the application.

`-u, --uuid`

Generate output as an UUID formatted in the "canonical representation", with five groups of digits separated by hyphens.

See the [wikipedia\[1\]](#) for more discussion.

-h, --help

Print a short help text and exit.

--version

Print a short version string and exit.

## EXIT STATUS

On success, 0 is returned, a non-zero failure code otherwise.

## SEE ALSO

systemd(1), sd-id128(3), sd\_id128\_get\_machine(3)

## NOTES

1. wikipedia

[https://en.wikipedia.org/wiki/Universally\\_unique\\_identifier#Format](https://en.wikipedia.org/wiki/Universally_unique_identifier#Format)

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