sd_bus_interface_name_is_valid

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sd_bus_service_name_is_valid

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sd_bus_object_path_is_valid

Check if a string is a valid bus name or object path

#include <systemd/sd-bus.h>

int

sd_bus_interface_name_is_valid

const char*

p

int

sd_bus_service_name_is_valid

const char*

p

int

sd_bus_member_name_is_valid

const char*

p

int

sd_bus_object_path_is_valid

const char*

p

Description

`sd_bus_interface_name_is_valid()` checks if a given string `p` is a syntactically valid bus interface name. Similarly, `sd_bus_service_name_is_valid()` checks if the argument is a valid bus service name, `sd_bus_member_name_is_valid()` checks if the argument is a valid bus interface member name, and `sd_bus_object_path_is_valid()` checks if the argument is a valid bus object path. Those functions generally check that only allowed characters are used and that the length of the string is within limits.

Return Value

Those functions return 1 if the argument is a valid interface / service / member name or object path, and 0 if it is not. If the argument is `NULL`, an error is returned.

Errors

Returned errors may indicate the following problems:

`-EINVAL`
The `p` parameter is `NULL`.

History

`sd_bus_interface_name_is_valid()`, `sd_bus_service_name_is_valid()`, `sd_bus_member_name_is_valid()`, and `sd_bus_object_path_is_valid()` were added in version 246.

See Also

`systemd(1)`, `sd-bus(3)`, `sd_bus_call_method(3)`

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