

NAME

Sys::Virt::Interface – Represent & manage a libvirt host network interface

DESCRIPTION

The `Sys::Virt::Interface` module represents a host network interface allowing configuration of IP addresses, bonding, vlans and bridges.

METHODS

`my $name = $iface->get_name()`

Returns a string with a locally unique name of the network

`$iface->is_active()`

Returns a true value if the interface is currently running

`my $name = $iface->get_mac()`

Returns a string with the hardware MAC address of the interface

`my $xml = $iface->get_xml_description()`

Returns an XML document containing a complete description of the network's configuration

`$iface->create()`

Start a network whose configuration was previously defined using the `define_network` method in `Sys::Virt`.

`$iface->undefine()`

Remove the configuration associated with a network previously defined with the `define_network` method in `Sys::Virt`. If the network is running, you probably want to use the `shutdown` or `destroy` methods instead.

`$iface->destroy()`

Immediately terminate the machine, and remove it from the virtual machine monitor. The `$iface` handle is invalid after this call completes and should not be used again.

CONSTANTS**CONSTANTS**

This section documents constants that are used with various APIs described above

LIST FILTERING

The following constants are used to filter object lists

`Sys::Virt::Interface::LIST_ACTIVE`

Include interfaces that are active

`Sys::Virt::Interface::LIST_INACTIVE`

Include interfaces that are not active

INTERFACE DEFINE

The following constants can be used to control the behaviour of interface define operations

`Sys::Virt::Interface::DEFINE_VALIDATE`

Validate the XML document against the XML schema

XML CONSTANTS

The following constants are used when querying XML

`Sys::Virt::Interface::XML_INACTIVE`

Request the inactive XML, instead of the current possibly live config.

AUTHORS

Daniel P. Berrange <berrange@redhat.com>

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SEE ALSO

Sys::Virt, Sys::Virt::Error, <http://libvirt.org>