

NAME

bhyectl - control utility for bhyve instances

SYNOPSIS

```
bhyectl --vm=<vmname> [--create] [--destroy] [--get-stats] [--inject-nmi] [--force-reset]
[--force-poweroff] [--checkpoint=<filename>] [--suspend=<filename>]
```

DESCRIPTION

The **bhyectl** command is a control utility for active bhyve(8) virtual machine instances.

Note: Most **bhyectl** flags are intended for querying and setting the state of an active instance. These commands are intended for development purposes, and are not documented here. A complete list can be obtained by executing **bhyectl** without any arguments.

The user-facing options are as follows:

--vm=<vmname>

Operate on the virtual machine <vmname>.

--create Create the specified VM.

--destroy Destroy the specified VM.

--get-stats Retrieve statistics for the specified VM.

--inject-nmi Inject a non-maskable interrupt (NMI) into the VM.

--force-reset Force the VM to reset.

--force-poweroff

Force the VM to power off.

--checkpoint=<filename>

Save a snapshot of a virtual machine. The guest memory contents are saved in the file given in <filename>. The guest device and vCPU state are saved in the file <filename>.kern.

--suspend=<filename>

Save a snapshot of a virtual machine similar to **--checkpoint**. The virtual machine will terminate after the snapshot has been saved.

EXIT STATUS

The **bhyvectl** utility exits 0 on success, and >0 if an error occurs.

EXAMPLES

Destroy the VM called fbsd10:

```
bhyvectl --vm=fbsd10 --destroy
```

COMPATIBILITY

The snapshot file format is not yet stable and is subject to future changes. Backwards compatibility support for the current snapshot file format is not guaranteed when future changes are made.

SEE ALSO

bhyve(8), bhyveload(8)

HISTORY

The **bhyvectl** command first appeared in FreeBSD 10.1.

AUTHORS

The **bhyvectl** utility was written by Peter Grehan and Neel Natu.