

**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.