

**NAME**

**zfsbootcfg** - specify zfsboot options for the next boot

**SYNOPSIS**

**zfsbootcfg** <*options*>

**zfsbootcfg** [-**n** *name*] [-**k** *key*] [-**p**] [-**t** *type*] [-**v** *value*] [-**z** *pool*]

**zfsbootcfg**

**DESCRIPTION**

**zfsbootcfg** is used to set boot.config(5)-style options to be used by zfsboot(8), gptzfsboot(8) or loader(8) the next time the machine is booted. Once zfsboot(8) or gptzfsboot(8) or loader(8) reads the information, it is deleted. If booting fails, the machine automatically reverts to the previous boot configuration. The information is stored in a special boot environment area of a ZFS pool.

If used without arguments, **zfsbootcfg** will output the current boot configuration, if set.

The following options are supported by **zfsbootcfg**:

**-k** *key*

Define key for <key, value> pair.

**-n** *name*

Update nvlist *name*.

**-p**

Print all information stored in ZFS pool bootenv area.

**-t** *type*

Set type of *value* used in <key, value> pair. Currently supported types are:

*DATA\_TYPE\_BYTE*

*DATA\_TYPE\_INT8*

*DATA\_TYPE\_UINT8*

*DATA\_TYPE\_INT16*

*DATA\_TYPE\_UINT16*

*DATA\_TYPE\_INT32*

*DATA\_TYPE\_UINT32*

*DATA\_TYPE\_INT64*

*DATA\_TYPE\_UINT64*

*DATA\_TYPE\_BOOLEAN\_VALUE*

*DATA\_TYPE\_STRING*

If not specified, the default is *DATA\_TYPE\_STRING*.

**-v** *value*

Define value for <key, value> pair.

**-z** *pool*

Operate on *pool*.

## ENVIRONMENT

`vfs.root.mountfrom` The `kenv(1)` variable that identifies a pool for which the options are written.

## EXAMPLES

Try to boot to a new *boot environment* without changing the **bootfs** property of a pool:

```
zfsbootcfg "zfs:tank/ROOT/newbe:"
```

To clear the boot options:

```
zfsbootcfg ""
```

## SEE ALSO

`boot.config(5)`, `bectl(8)`, `gptzfsboot(8)`, `loader(8)`, `zfsboot(8)`

## HISTORY

**zfsbootcfg** appeared in FreeBSD 11.1.

## AUTHORS

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