
Pacemaker Python API

Release 2.1.7

the Pacemaker project contributors

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CONTENTS

- 1 API** **3**
- 1.1 pacemaker 3
- 1.2 pacemaker.buildoptions 3
- 1.3 pacemaker.exitstatus 5

- Python Module Index** **7**

- Index** **9**

The APIs are documented here in submodules, but each submodule class is included at the top level, so code should import directly from the `pacemaker` module. For example, use `from pacemaker import BuildOptions`, not `from pacemaker.buildoptions import BuildOptions`.

<i>pacemaker</i>	API reference documentation for the <i>pacemaker</i> package.
<i>pacemaker.buildoptions</i>	A module providing information on build-time configuration of pacemaker
<i>pacemaker.exitstatus</i>	A module providing constants relating to why a process or function exited

1.1 pacemaker

API reference documentation for the *pacemaker* package.

1.2 pacemaker.buildoptions

A module providing information on build-time configuration of pacemaker

Classes

<i>BuildOptions</i>	Variables generated as part of the <code>./configure && make</code> process.
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1.2.1 pacemaker.buildoptions.BuildOptions

class `pacemaker.buildoptions.BuildOptions`

Bases: `object`

Variables generated as part of the `./configure && make` process. These affect how pacemaker was configured and where its various parts get installed.

`__init__()`

Initialize self. See `help(type(self))` for accurate signature.

Attributes

<i>BASH_PATH</i>	Path to the bash shell
<i>CIB_DIR</i>	Where CIB files are stored
<i>CIB_SCHEMA_VERSION</i>	Latest supported CIB schema version number
<i>COROSYNC_CONFIG_FILE</i>	Path to the corosync config file
<i>DAEMON_DIR</i>	Where Pacemaker daemons are installed
<i>DAEMON_USER</i>	User to run Pacemaker daemons as
<i>LOCAL_STATE_DIR</i>	Where miscellaneous temporary state files are stored
<i>LOG_DIR</i>	Where Pacemaker log files are stored
<i>OCF_RA_INSTALL_DIR</i>	Where resource agents are installed
<i>OCF_ROOT_DIR</i>	Root directory for OCF resource agents and libraries
<i>REMOTE_ENABLED</i>	Was Pacemaker Remote support built?
<i>RSC_TMP_DIR</i>	Where resource agents should keep state files
<i>SBIN_DIR</i>	Where administrative programs are installed
<i>SCHEMA_DIR</i>	Where Relax-NG schema files are stored

BASH_PATH = '/usr/bin/bash'

Path to the bash shell

CIB_DIR = '/var/lib/pacemaker/cib'

Where CIB files are stored

CIB_SCHEMA_VERSION = '3.9'

Latest supported CIB schema version number

COROSYNC_CONFIG_FILE = '/etc/corosync/corosync.conf'

Path to the corosync config file

DAEMON_DIR = '/usr/libexec/pacemaker'

Where Pacemaker daemons are installed

DAEMON_USER = 'hacluster'

User to run Pacemaker daemons as

LOCAL_STATE_DIR = '/var'

Where miscellaneous temporary state files are stored

LOG_DIR = '/var/log/pacemaker'

Where Pacemaker log files are stored

OCF_RA_INSTALL_DIR = '/usr/lib/ocf/resource.d'

Where resource agents are installed

OCF_ROOT_DIR = '/usr/lib/ocf'

Root directory for OCF resource agents and libraries

REMOTE_ENABLED = True

Was Pacemaker Remote support built?

RSC_TMP_DIR = '/var/run/resource-agents'

Where resource agents should keep state files

SBIN_DIR = '/usr/sbin'

Where administrative programs are installed

SCHEMA_DIR = '/usr/share/pacemaker'

Where Relax-NG schema files are stored

1.3 pacemaker.exitstatus

A module providing constants relating to why a process or function exited

Classes

ExitStatus

Why did a function or process exit? These constants describe both success and failure conditions.

1.3.1 pacemaker.exitstatus.ExitStatus

`class pacemaker.exitstatus.ExitStatus`

Bases: `enum.IntEnum`

Why did a function or process exit? These constants describe both success and failure conditions.

`--init__()`

Initialize self. See `help(type(self))` for accurate signature.

Attributes

CANTCREAT

CONFIG

DATAERR

DEGRADED

DEGRADED_PROMOTED

DIGEST

DISCONNECT

ERROR

EXISTS

EXPIRED

FAILED_PROMOTED

FATAL

INDETERMINATE

INSUFFICIENT_PRIV

INVALID_PARAM

IOERR

MAX

MULTIPLE

NOHOST

NOINPUT

NONE

NOPERM

NOSUCH

NOT_CONFIGURED

NOT_INSTALLED

NOT_RUNNING

NOT_YET_IN_EFFECT

Continued on next page

Table 5 – continued from previous page

NOUSER
OK
OLD
OSERR
OSFILE
PANIC
PROMOTED
PROTOCOL
QUORUM
SOFTWARE
TEMPFAIL
TIMEOUT
UNAVAILABLE
UNIMPLEMENT_FEATURE
UNSAFE
UNSATISFIED
USAGE

PYTHON MODULE INDEX

p

pacemaker, 3
pacemaker.buildoptions, 3
pacemaker.exitstatus, 5

Symbols

`__init__()` (pacemaker.buildoptions.BuildOptions method), 3
`__init__()` (pacemaker.exitstatus.ExitStatus method), 5

B

`BASH_PATH` (pacemaker.buildoptions.BuildOptions attribute), 4
 BuildOptions (class in pacemaker.buildoptions), 3

C

`CIB_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4
`CIB_SCHEMA_VERSION` (pacemaker.buildoptions.BuildOptions attribute), 4
`COROSYNC_CONFIG_FILE` (pacemaker.buildoptions.BuildOptions attribute), 4

D

`DAEMON_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4
`DAEMON_USER` (pacemaker.buildoptions.BuildOptions attribute), 4

E

ExitStatus (class in pacemaker.exitstatus), 5

L

`LOCAL_STATE_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4
`LOG_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4

O

`OCF_RA_INSTALL_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4
`OCF_ROOT_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4

P

pacemaker (module), 3
 pacemaker.buildoptions (module), 3
 pacemaker.exitstatus (module), 5

R

`REMOTE_ENABLED` (pacemaker.buildoptions.BuildOptions attribute), 4
`RSC_TMP_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4

S

`SBIN_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4
`SCHEMA_DIR` (pacemaker.buildoptions.BuildOptions attribute), 4