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# Pacemaker Python API

*Release 2.1.6*

the Pacemaker project contributors

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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`.



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<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

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## 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

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<i>BuildOptions</i>	Variables generated as part of the <code>./configure &amp;&amp; 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>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

**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

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*ExitStatus*

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

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### 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

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

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