
k3confloader

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pykit3 is is a collection of toolkit in python3.

DOCUMENTATION FOR THE CODE

k3confloader loads conf for other pykit3 modules. k3confloader tries to load a python file *k3conf.py* and expected it contains configuration.

Usage:

Setup config:

```
echo 'uid=3' > k3conf.py
```

Then:

```
import k3confloader
print(k3confloader.conf.uid)
3
```

1.1 Classes

class k3confloader.**ConfGetter**

This is a lazy loader that tries to import *k3conf.py* when configure attributes are read.

If an attribute is not set in *k3conf.py*, a default value is used.

uid: **int**
the user id to assign when creating file/dir. Default: None.

gid: **int**
the group id to assign when creating file/dir. Default: None.

log_dir: **str**
the log dir. Default: None.

cat_stat_dir: **str**
the dir to store offset of an unfinished *cat* operation. Default: None.

zk_acl: **tuples**
default zookeeper acl when creating a node in form of: (('xp', '123', 'cdrwa'), ('foo', 'bar', 'rw')). Default: None.

zk_auth: **tuple**
zookeeper auth info when connecting zk in form of: ('digest', 'xp', '123'). Default: None.

iostat_stat_path: **str**
a path to file to store incremental stat collection. Default: '/tmp/pykit-iostat'.

zk_hosts: **str**
default zookeeper host to connect, seperated by comma. Default: '127.0.0.1:21811'.

zk_lock_dir: **str**
default zk-dir path to impl a distributed locking. Default: 'lock/'.

zk_node_id: **str**
a node id generated from MAC. Default: '%012x' % uuid.getnode().

zk_record_dir: **str**
default zk-dir to store records of a distributed transaction. Default: 'record/'.

zk_tx_dir: **str**
default zk-dir to store tx info of a distributed transaction. Default: 'tx/'.

zk_seq_dir: **str**
default zk-dir for generating mono incremental seq number. Default: 'seq/'.

zk_tx_timeout: **str**
default timeout in second for a zk based distributed transaction. Default: 365 * 24 * 3600.

rp_cli_nwr: **tuple**
default NWR(n, write, read) config of majority read/write for redis proxy. Default: (3, 2, 2).

rp_cli_ak_sk: **tuple**
default access key and secret key to auth access to redis proxy. Default: ('access_key', 'secret_key').

ec_block_port: **int**
default base tcp-port for EC block server. Default: 6000. Deprecated.

inner_ip_patterns: **str**
default inner-network address regexp. Compatible with both python regexp and lua pattern. Default:
['^172[.]1[6-9].*', '^172[.]2[0-9].*', '^172[.]3[0-1].*', '^10[.].*', '^192[.]168[.].*'].

1.2 Functions

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