

# Unit test summary

- No changes to unit tests

## Summary of pylint report

- src/python/TaskWorker/Actions/Recurring/BaseRecurringAction.py score changed from 7.65 to 9.12

## Warnings from pylint by file and severity

- src/python/TaskWorker/Actions/Recurring/BaseRecurringAction.py
  - W0703, line 37 in BaseRecurringAction.execute: Catching too general exception Exception
  - W1201, line 34 in BaseRecurringAction.execute: Specify string format arguments as logging function parameters**
  - W0613, line 32 in BaseRecurringAction.execute: Unused argument 'procnum'
  - C0111, line 1: Missing module docstring
  - C0111, line 7 in handleRecurring: Missing function docstring
  - C0111, line 12 in BaseRecurringAction: Missing class docstring
  - C1001, line 12 in BaseRecurringAction: Old-style class defined.
  - C0111, line 26 in BaseRecurringAction.isTimeToGo: Missing method docstring
  - C0111, line 32 in BaseRecurringAction.execute: Missing method docstring

## Warnings from pycodestyle (pep8) by file

- src/python/TaskWorker/Actions/Recurring/BaseRecurringAction.py
  - Line 7, E302 expected 2 blank lines, found 1
  - Line 10, E501 line too long (106 > 79 characters)
  - Line 12, E302 expected 2 blank lines, found 1
  - Line 21, E501 line too long (93 > 79 characters)
  - Line 40, E501 line too long (81 > 79 characters)

## Summary of CRABClient tests

### Test summary

- Total tests executed: 37
  - 35 tests passed
  - 1 tests failed
  - 1 tests ended with warning

Link to the log file with executed commands output: TO BE ADDED

### Failed tests details:

- crab checkusername --proxy=/tmp/x509up\_u93401: [FAILED]**
  - ERROR: NameError: global name 'getUsernameTEST' is not defined Please email hn-cms-computing-tools@cern.ch for support with the crab.log file or crab.log URL. Client Version: development Please use 'crab uploadlog' to upload the log file /afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab.log to the CRAB cache.**
- crab getoutput --parallel=10 --wait=4 --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --xrootd --jobids=1,2 --checksum=no --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650: [WARNING]
  - Error while getting status information. Got: Cannot retrieve the status\_cache file. Maybe the task process has not run yet? Got: url=https://cmsweb.cern.ch:8443/scheddmon/0198/cms349/210131\_175651:ddirmait\_crab\_20210131\_185650/status\_cache, code=403, reason=Forbidden, headers={'Content-Length': '351', 'Set-Cookie': 'cms-auth=104fcb443c18d430c62a21c3838d0263c95845e3c542ba78a34c12221c881c739136539f1b6d55a0;path=/;secure;httponly;expires=Thu, 01-Jan-1970 00:00:01 GMT', 'Server': 'Apache/2.4.6 (CentOS)', 'Date': 'Sun, 31 Jan 2021 17:58:10 GMT', 'Content-Type': 'text/html; charset=iso-8859-1', 'CMS-Server-Time': 'D=3056 t=1612115890116798'} Cannot retrieve job list from the status command.

### List of tests executed:

- crab submit --config=taskToSubmit.py --proxy=/tmp/x509up\_u93401
- crab status --long --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --verboseErrors --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=state --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=site --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=runtime --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=memory --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=cpu --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=retries --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=waste --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab status --sort=exitcode --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab checkusername --proxy=/tmp/x509up\_u93401
- crab checkwrite --site=T2\_CH\_CERN --proxy=/tmp/x509up\_u93401
- crab checkwrite --site=T2\_CH\_CERN --proxy=/tmp/x509up\_u93401 --checksum=yes
- crab tasks --days=1 --status=NEW --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=HOLDING --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=QUEUED --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=SUBMITTED --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=SUBMITFAILED --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=KILLED --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=KILLFAILED --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=RESUBMITFAILED --proxy=/tmp/x509up\_u93401
- crab tasks --days=1 --status=FAILED --proxy=/tmp/x509up\_u93401
- crab report --outputdir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab getlog --quantity=2 --short --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --dump --jobids=1,2 --checksum=yes --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab getlog --quantity=2 --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --dump --jobids=1,2 --checksum=no --proxy=/tmp/x509up\_u93401 --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab getoutput --parallel=10 --wait=4 --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --jobids=1,2 --checksum=yes --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
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- crab getoutput --parallel=10 --wait=4 --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --xrootd --jobids=1,2 --checksum=yes --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab getoutput --parallel=10 --wait=4 --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --xrootd --jobids=1,2 --checksum=no --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab getoutput --quantity=1 --parallel=10 --wait=4 --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --checksum=yes --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab getoutput --quantity=3 --parallel=10 --wait=4 --outputpath=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/logdir --checksum=no --dir=/afs/cern.ch/user/d/ddirmait/private/TESTING\_210131/crab\_projects/crab\_20210131\_185650
- crab remake --task=210125\_122126:ddirmait\_crab\_20210125\_132114 --proxy=/tmp/x509up\_u93401