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# How to find out which TCK was used for a given dataset

You write a small python script like this one:

```
from Gaudi.Configuration import *
from Configurables import LHCbApp
files = [ '/daqarea/lhcb/data/2009/RAW/FULL/FEST/FEST/61008/061008_0000000001.raw' ]
EventSelector().Input = [ "DATAFILE='PFN:%s' SVC='LHCb::MDFSelector'" %f for f in files ]
LHCbApp()
importOptions('$STDOPTS/DecodeRawEvent.py')
EventPersistencySvc().CnvServices.append( 'LHCb::RawDataCnvSvc' )
ApplicationMgr().ExtSvc.append( 'DataOnDemandSvc' )

import GaudiPython
g = GaudiPython.AppMgr()
evt = g.datasvc('EventDataSvc')

class Dump(GaudiPython.PyAlgorithm):
    def execute(self):
        print 'TCK: 0x%x' % evt['DAQ/ODIN'].triggerConfigurationKey()
        return 1

g.addAlgorithm(Dump())
g.run(10)
```

The above will tell you 0x80750011, and if you then start TCKsh and do 'listConfigurations()' you will see, with a bit of searching, that 0x80750000 is from MOORE\_v8r1, nickname Physics\_10000Vis\_1000LO\_40Hlt1\_EffectiveHlt2\_Jul09...

An alternative is to use the run database (click on the Run DB button on the PVSS run control panel; the web interface does not yet provide this information.)

-- EricvanHerwijnen - 22-Jan-2010

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This topic: LHCb > WhichTCK

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