LERoSI Module Unit Tests - 2018/02/20

```
FILE: LERoSI Module Unit Tests
NAME: test/results/20180220-22.36.21.test.txt
DATE: 2018/02/20
TIME: 22:37:13
 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

[Suite] LERoSI Unit Tests
  [OK] picio load test reference image (PNG)
  [OK] picio obtained test image
  [OK] Backend extent equality
  [OK] Backend extent identity
  [OK] picio save BMP
  [OK] picio save PNG
  [OK] picio save JPEG
    # Quality variations saved: 91
  [OK] picio save JPEG quality parameter coverage
  [OK] picio save HDR
  [OK] picio load BMP
  [OK] picio load PNG
  [OK] picio load JPEG
    # Quality variations loaded: 91
  [OK] picio load JPEG quality parameter coverage
  [OK] picio load HDR
    # Saved BMP size is 153.89KB
  [OK] picio encode and decode BMP in-memory
    # Saved PNG size is 30.132KB
  [OK] picio encode and decode PNG in-memory
    # Saved JPEG size is 18.545KB
  [OK] picio encode and decode JPEG in-memory
    # Saved HDR size is 34.268KB
  [OK] picio encode and decode HDR in-memory
  [OK] backend rotate storage order correctness
    # VideoA
    # VideoY
    # VideoYp
    # VideoRGB
    # VideoCMYe
    # VideoHSV
    # VideoYCbCr
    # VideoYpCbCr
    # PrintK
    # PrintCMYeK
    # AudioLfe
    # AudioMono
    # AudioLeftRight
    # AudioLfRfLbRb
  [OK] CT^2-DB ChannelSpace enumeration
    # VideoA
    # VideoY
    # VideoYp
    # VideoR
    # VideoG
    # VideoB
    # VideoC
    # VideoM
    # VideoYe
    # VideoH
    # VideoS
    # VideoV
    # VideoCb
    # VideoCr
    # PrintK
    # PrintC
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```
    # PrintM
    # PrintYe
    # AudioLfe
    # AudioMono
    # AudioLeft
    # AudioRight
    # AudioLf
    # AudioRf
    # AudioLb
    # AudioRb
  [OK] CT^2-DB ChannelId enumeration
  [OK] CT^2-DB ChannelSpace length consistency compile-time check
  [OK] CT^2-DB ChannelSpace order consistency compile-time check
  [OK] CT^2-DB ChannelSpace to/from string compile-time naming consistency
  [OK] CT^2-DB ChannelSpace length consistency run-time check
  [OK] CT^2-DB ChannelSpace order consistency run-time check
  [OK] CT^2-DB ChannelSpace to/from string run-time naming consistency
  [OK] CT^2-DB ChannelId to/from string compile-time naming consistency
  [OK] CT^2-DB ChannelId to/from string run-time naming consistency
    test_all.nim(367, 18): Check failed: compiles((SliceType(AmBackendCpu[int]).name))
    test_all.nim(368, 18): Check failed: compiles((genericallyGetTheType(x)))
  [FAILED] CT^2-DB reverse type lookup
  [OK] macroutil repeatStatic 11, 0, i is monotonic
  [OK] macroutil eagerCompile with static parameters runs in nimvm
  [OK] img/layout defChannelLayout consistency (subgroups of RGB)
  [OK] img/layout defChannelLayout consistency (subgroups of CMYe)
  [OK] img/layout defChannelLayout consistency (subgroups of HSV)
  [OK] img/layout defChannelLayout consistency (subgroups of YpCbCr)
  [OK] img/layout defChannelLayout consistency (subgroups of YCbCr)
  [OK] img/layout defChannelLayout consistency (subgroups of CMYeK)
  [OK] img/layout defChannelLayout consistency (subgroups of LeftRightLfe)
  [OK] img/layout defChannelLayout consistency (subgroups of LfRfLbRbLfe)
  [OK] dataframe FrameType consistency for default backend "*"
  [OK] dataframe FrameType access policy string "RO" is read-only
  [OK] dataframe FrameType access policy string "ro" is read-only
  [OK] dataframe FrameType access policy string "R" is read-only
  [OK] dataframe FrameType access policy string "r" is read-only
  [OK] dataframe FrameType access policy string "WO" is write-only
  [OK] dataframe FrameType access policy string "wo" is write-only
  [OK] dataframe FrameType access policy string "W" is write-only
  [OK] dataframe FrameType access policy string "w" is write-only
  [OK] dataframe FrameType access policy string "RW" is read-write
  [OK] dataframe FrameType access policy string "rw" is read-write
  [OK] dataframe FrameType access policy string "WR" is read-write
  [OK] dataframe FrameType access policy string "wr" is read-write
  [OK] dataframe initFrame
  [OK] dataframe storage order rotation shape consistency
  [OK] dataframe storage order rotation data consistency
  [OK] dataframe image from picio
  [OK] picture readPictureFile dataframe check
  [OK] picture writePicture/readPictureData dataframe check
Channels in myImage 3
Channels in refImage 3
  [OK] dataframe channel mutator red/blue swap
Channels in myImage 4
Channels in refImage 3
  [OK] dataframe channel mutator red/blue swap in-place
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