**LERoSI Module Unit Tests — 2018/02/16**

FILE: LERoSI Module Unit Tests
NAME: test/results/20180216-04.15.44.test.txt
DATE: 2018/02/16
TIME: 04:15:59
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[Suite] LERoSI Unit Tests
  [OK] iio_core load test reference image (PNG)
  [OK] iio_core obtained test image
  [OK] Backend extent equality
  [OK] Backend extent identity
  [OK] iio_core save BMP
  [OK] iio_core save PNG
  [OK] iio_core save JPEG
    # Quality variations saved: 91
  [OK] iio_core save JPEG quality parameter coverage
  [OK] iio_core save HDR
  [OK] iio_core load BMP
  [OK] iio_core load PNG
  [OK] iio_core load JPEG
    # Quality variations loaded: 91
  [OK] iio_core load JPEG quality parameter coverage
  [OK] iio_core load HDR
    # Saved BMP size is 153.89KB
  [OK] iio_core encode and decode BMP in-memory
    # Saved PNG size is 30.132KB
  [OK] iio_core encode and decode PNG in-memory
    # Saved JPEG size is 18.545KB
  [OK] iio_core encode and decode JPEG in-memory
    # Saved HDR size is 34.268KB
  [OK] iio_core 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
    # (!) Testing channel layout generator with pragma {.eagerCompile.}
    # Test static channel layout generator (alpha)
    # [VideoChIdA] {VideoA, VideoY, VideoYp, VideoRGB, VideoCMYe, VideoHSV, VideoYCbCr,
 VideoYpCbCr} VideoA
    # Test static channel layout generator (RGB)
    # [VideoChIdR, VideoChIdG, VideoChIdB, VideoChIdA] {VideoRGB} VideoRGB
    # [VideoChIdB, VideoChIdG, VideoChIdR, VideoChIdA] {VideoRGB} VideoRGB
    # [VideoChIdA, VideoChIdR, VideoChIdG, VideoChIdB] {VideoRGB} VideoRGB
    # [VideoChIdA, VideoChIdB, VideoChIdG, VideoChIdR] {VideoRGB} VideoRGB
    # [VideoChIdR, VideoChIdG, VideoChIdB] {VideoRGB} VideoRGB
    # [VideoChIdB, VideoChIdG, VideoChIdR] {VideoRGB} VideoRGB
    # Test static channel layout generator (luma-chrominance)
    # [VideoChIdYp] {VideoYp, VideoYpCbCr} VideoYp
    # [VideoChIdY] {VideoY, VideoYCbCr} VideoY
    # [VideoChIdCb, VideoChIdCr, VideoChIdYp] {VideoYpCbCr} VideoYpCbCr
    # [VideoChIdCr, VideoChIdCb, VideoChIdYp] {VideoYpCbCr} VideoYpCbCr
    # [VideoChIdYp, VideoChIdCb, VideoChIdCr] {VideoYpCbCr} VideoYpCbCr
    # [VideoChIdYp, VideoChIdCr, VideoChIdCb] {VideoYpCbCr} VideoYpCbCr
    # [VideoChIdCb, VideoChIdCr] {VideoYCbCr, VideoYpCbCr} VideoYCbCr
    # [VideoChIdCr, VideoChIdCb] {VideoYCbCr, VideoYpCbCr} VideoYCbCr
    # [VideoChIdY, VideoChIdCb, VideoChIdCr] {VideoYCbCr} VideoYCbCr
    # [VideoChIdY, VideoChIdCr, VideoChIdCb] {VideoYCbCr} VideoYCbCr
    # [VideoChIdCb, VideoChIdCr, VideoChIdY] {VideoYCbCr} VideoYCbCr
    # [VideoChIdCr, VideoChIdCb, VideoChIdY] {VideoYCbCr} VideoYCbCr
    # Test static channel layout generator (CMYe print and CMYe video)
    # [PrintChIdK] {PrintK, PrintCMYeK} PrintK
    # [PrintChIdK, PrintChIdC, PrintChIdM, PrintChIdYe] {PrintCMYeK} PrintCMYeK
    # [PrintChIdC, PrintChIdM, PrintChIdYe, PrintChIdK] {PrintCMYeK} PrintCMYeK
    # [PrintChIdC, PrintChIdM, PrintChIdYe] {PrintCMYeK} PrintCMYe
    # [VideoChIdC, VideoChIdM, VideoChIdYe, VideoChIdA] {VideoCMYe} VideoCMYe
    # [VideoChIdC, VideoChIdM, VideoChIdYe] {VideoCMYe} VideoCMYe
 [OK] img defChannelLayout: eagerCompile passing
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END OF FILE LERoSI Module Unit Tests
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