

LERoSI Module Unit Tests - 2018/02/16

FILE: LERoSI Module Unit Tests

NAME: test/results/20180216-04.13.36.test.txt

DATE: 2018/02/16

TIME: 04:13:51

* * * * *

[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
  # AudioLife
  # 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
```

LERoSI Module Unit Tests - 2018/02/16

```
# 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} PrintCMYeK
# [VideoChIdC, VideoChIdM, VideoChIdYe, VideoChIdA] {VideoCMYe} VideoCMYe
# [VideoChIdC, VideoChIdM, VideoChIdYe] {VideoCMYe} VideoCMYe
[OK] img defChannelLayout: eagerCompile works
* * * * *
END OF FILE LERoSI Module Unit Tests
```