

LERoSI Module Unit Tests - 2018/02/16

FILE: LERoSI Module Unit Tests

NAME: test/results/20180216-04.11.04.test.txt

DATE: 2018/02/16

TIME: 04:11:25

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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
    # 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
```

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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)
# VideoA {VideoA, VideoY, VideoYp, VideoRGB, VideoCMYe, VideoHSV, VideoYCbCr, Video
YpCbCr}
# Test static channel layout generator (RGB)
# VideoRGB {VideoRGB}
# VideoRGB {VideoRGB}
# VideoRGB {VideoRGB}
# VideoRGB {VideoRGB}
# VideoRGB {VideoRGB}
# VideoRGB {VideoRGB}
# VideoRGB {VideoRGB}
# Test static channel layout generator (luma-chrominance)
# VideoYp {VideoYp, VideoYpCbCr}
# VideoY {VideoY, VideoYCbCr}
# VideoYpCbCr {VideoYpCbCr}
# VideoYpCbCr {VideoYpCbCr}
# VideoYpCbCr {VideoYpCbCr}
# VideoYpCbCr {VideoYpCbCr}
# VideoYCbCr {VideoYCbCr, VideoYpCbCr}
# VideoYCbCr {VideoYCbCr, VideoYpCbCr}
# VideoYCbCr {VideoYCbCr}
# VideoYCbCr {VideoYCbCr}
# VideoYCbCr {VideoYCbCr}
# VideoYCbCr {VideoYCbCr}
# Test static channel layout generator (CMYe print and CMYe video)
# PrintK {PrintK, PrintCMYeK}
# PrintCMYeK {PrintCMYeK}
# PrintCMYeK {PrintCMYeK}
# PrintCMYeK {PrintCMYeK}
# VideoCMYe {VideoCMYe}
# VideoCMYe {VideoCMYe}
[OK] img defChannelLayout: eagerCompile works
* * * * *
END OF FILE LERoSI Module Unit Tests
```