

testreport AM335x-Beaglebone_black_JB_4.2.2

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PNG

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Decode

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H.264 704x576 4mbps aac

H.264 640x360 4mbps aac

H.264 352x288 4mbps aac

H.263 352x288 4mbps aac

MPEG4 176x144 15mbps aac

MPEG4 640x360 15mbps aac

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USB vfat partition write/read test with a block size of 4096 bytes and a file of

USB vfat partition write/read test with a block size of 16384 bytes and a file o

USB vfat partition write/read test with a block size of 65536 bytes and a file o

USB vfat partition write/read test with a block size of 524288 bytes and a file

USB vfat partition write/read test with a block size of 1048576 bytes and a file

USB vfat partition write/read test with a block size of 102400 bytes and a file

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USB vfat partition write/read test with a block size of 5242880 bytes and a file

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MMC/SD vfat partition write/read test with a block size of 512 bytes and a file

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Netperf

TCP

TCP Stream, Buffer size 16 KB

TCP Stream, Buffer size 32 KB

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UDP

UDP Stream, Buffer size 16 KB

UDP Stream, Buffer size 32 KB

UDP Stream, Buffer size 64 KB

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UDP Stream, Buffer size 256

UDP Stream, Buffer size 512

UDP Stream, Buffer size 1024

UDP Stream, Buffer size 4096

UDP Stream, Buffer size 8192

Graphics

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media

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Browser Stres test

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[2-hr Network Stream Test](#)

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[2-hr File copy Stress test between peripherals](#)

[Documentation](#)

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System boot

System boot w/ console

OOB Demos

RootFS over NFS

Miscellaneous

Music application lists songs.

Music application lists Songs from External Storage and Recorded

Camera will be part of Android DevKit core applications

Dev Tools will be part of Android DevKit core applications

ICONS for standard applications will be placed on main window

Security will be turned ON in Android Layer

Links to support infrastructure on e2e and rowboat to be provided

Email will be part of Android DevKit core applications

Calendar will be part of Android DevKit core applications

Android home screen contains Launcher -

Android home screen contains Global Search Bar

Android Home Screen contains Tips widget to give important Tips

Additional Widgets can be added to Home Screen by a long press on

Multiple Home Screen (5 Screens)

Slidable Status bar

Wallpaper can be changed

Gallery will be part of Android DevKit core applications

Launcher will be part of Android DevKit core applications

Global Search will be part of Android DevKit core applications

Settings application helps to configure Sound, Display and various OOB settings

IO

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Android DevKit supports Mouse

Processor Speed

Android DevKit supports Cortex A8 ARM up to Maximum Frequency

Android DevKit supports SGX up to Maximum Frequency

1 Test Suite : Compatibility

This test suite tries to validate system compatibility with Android per Google's Compatibility Definition Document (CDD) available at

<http://source.android.com/compatibility/android-2.1-cdd.pdf>

1.1 Test Suite : Development Tools

Test Case amsdkA-14: ADB USB

Summary:

Use Android Debug Bridge (adb) tool to connect to the target via USB port and install an application (.apk)

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-15: ADB Ethernet

Summary:

Use Android Debug Bridge (adb) tool to connect to the target via ethernet port and install an application (.apk)

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-16: DDMS

Summary:

Use Dalvik Debug Monitor Service (DDMS) to watch processes running in the target, see process' threads, etc. Try to capture the device screen and to kill one process using DDMS.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

1.2 Test Suite : Multimedia

1.2.1 Test Suite : Audio

1.2.1.1 Test Suite : Decode

Test Case amsdkA-28: AAC LC/LTP

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-29: HE-AACv1 (AAC+)

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.

LOG PATH

Test Case amsdkA-30: HE-AACv2(enhanced AAC+)

Summary:

Mono/Stereo content in any combination of standard bit rates up to 160 kbps and sampling rates between 8 to 48kHz. File Fortmat is 3GPP (.3gp) and MPEG-4 (.mp4, .m4a). No support for raw AAC (.aac)

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-31: AMR-NB

Summary:

4.75 to 12.2 kbps, sampled @ 8kHz, in a 3GPP (.3gp) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-32: AMR WB

Summary:

9 rates from 6.60 kbit/s to 23.85 kbit/s sampled @ 16kHz using 3GPP (.3gp) file format

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-33: MP3

Summary:

Mono/Stereo 8-320Kbps constant (CBR) or variable bit-rate (VBR) in a MP3 (.mp3) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-34: MIDI

Summary:

MIDI Type 0 and 1. DLS Version 1 and 2. XMF and Mobile XMF. Support for ringtone formats RTTTL/RTX, OTA and iMelody. File formats: Type 0 and 1 (.mid, .xmf, .mxmf). Also RTTTL/RTX (.rtttl, .rtx), OTA (.ota), and iMelody (.imy)

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-35: Ogg Vorbis

Summary:

Ogg Vorbis files in a Ogg (.ogg) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-36: PCM

Summary:

8- and 16-bit linear PCM (rates up to limit of hardware) in a Wave (.wav) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

1.2.2 Test Suite : Image

1.2.2.1 Test Suite : Decode

Test Case amsdkA-39: JPEG

Summary:

Display JPEG files using the Gallery app.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-40: PNG

Summary:

Display PNG image with Galllery app.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-41: GIF

Summary:

Display GIF image with Gallery app.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-42: BMP

Summary:

Display BMP Image with Gallery app.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

1.2.3 Test Suite : Video

1.2.3.1 Test Suite : Decode

Test Case amsdkA-44: H.263

Summary:

H.263 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-45: H.264

Summary:

H.264 files in 3GPP (.3gp) and MPEG-4 (.mp4) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-46: MPEG4 SP

Summary:

MPEG4 Simple Profile files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-772: MPEG4_352x288_15mbps_aac

Summary:

H.264 files in 3GPP (.3gp) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-774: H.264_704x576_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-775: H.264_640x360_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-776: H.264_352x288_4mbps_aac

Summary:

H.264 files in 3GPP(.3gp) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-777: H.263_352x288_4mbps_aac

Summary:

H.263 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-779: MPEG4_176x144_15mbps_aac

Summary:

H.264 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-780: MPEG4_640x360_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-781: MPEG4_704x576_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-782: MPEG4_720x480_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-784: H.264_720x480_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-787: MPEG4_BigBuckBunny

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

2 Test Suite : Performance

This test suite tries to measure key performance metrics in different areas:

1. System
2. Graphics
3. Browser

2.1 Test Suite : System

Test Case amsdkA-117: Boot time

Summary:

Measure the time it takes since kernel image starts being downloaded until Android home screen appears.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	first time 562 sec

second time 54 sec

Test Case amsdkA-593: Quadrant Benchmark

Summary:

Install and run aurorasoftworks Quadrant benchamrk

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

2.2 Test Suite : 0xBench

Test Case amsdkA-89: 0xBench Math Linpack test

Summary:

0xBench Math Linpack test.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-90: 0xBench Math Scimark2 test

Summary:

0xBench Math Scimark2 test.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-91: 0xBench 2D Draw Canvas test

Summary:

0xBench 2D Draw Canvas test.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-92: 0xBench 2D Draw Circle test

Summary:

0xBench 2D Draw Circle test.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-93: 0xBench 2D Draw Circle2 test

Summary:

0xBench 2D Draw Circle2 test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-94: 0xBench 2D Draw Rect test

Summary:

0xBench 2D Draw Rect test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-95: 0xBench 2D Draw Arc test

Summary:

0xBench 2D Draw Arc test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-96: 0xBench 2D Draw Image test

Summary:

0xBench 2D Draw Image test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-97: 0xBench 2D Draw Text test

Summary:

0xBench2D Draw Text test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-98: 0xBench 3D OpenGL Cube test

Summary:

0xBench 3D OpenGL Cube test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-99: 0xBench 3D OpenGL Blending test

Summary:

0xBench 3D OpenGL Blending test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-100: 0xBench 3D OpenGL Fog test

Summary:

0xBench 3D OpenGL Fog test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

**Test Case amsdkA-101: 0xBench 3D OpenGL Flying Teapot
test**

Summary:

0xBench 3D OpenGL Flying Teapot test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-102: 0xBench VM Garbage Collection test

Summary:

0xBench VM Garbage Collection test.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

2.3 Test Suite : Browser

Measure browser performance using publicly available tools.

Test Case amsdkA-262: Acid3 tests

Summary:

Measure Browser functionality and performance by running <http://acid3.acidtests.org/tests>

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-115: Sunspider test

Summary:

Measure Javascript performance by running <http://www2.webkit.org/perf/sunspider/sunspider.html> tests

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-263: Kraken test

Summary:

Measure Browser Javascript performance by running <http://krakenbenchmark.mozilla.org/index.html> tests

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

Test Case amsdkA-264: V8 Browser peformance test

Summary:

Measure Javascript performance by running
<http://v8.googlecode.com/svn/data/benchmarks/v6/run.html> tests

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Test case PASS.Performance data was NOT compared

LOG PATH

2.4 Test Suite : RowboPerf

Various Performance metrics

Test Case amsdkA-118: Dhrystone

Summary:

Measure Dhrystone bechmark

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASSED.Performance data was NOT compared

LOG PATH

Test Case amsdkA-119: Whetstone

Summary:

Measure Whetstone metric

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASSED.Performance data was NOT compared

LOG PATH

Test Case amsdkA-120: Linpack

Summary:

Measure Linpack metrics

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Test case PASSED.Performance data was NOT compared

LOG PATH

2.5 Test Suite : adb

Android Debug Bridge performance.

Before running each automated test case, the user MUST set enable in the target and in the host PC, the desire adb connection type (i.e. usb or ethernet).

The test cases do not take care of setting the adb type but instead will use the default adb connectivity available.

Test Case amsdkA-121: adb USB Performance

Summary:

Measure Android Debug bridge performance using USB connection

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Mean-TX=4236.9 Mean-RX=4929.8Performance data was NOT compared

LOG PATH

Test Case amsdkA-122: adb ethernet Performance

Summary:

Measure Android Debug bridge performance using ethernet connection

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes Mean-TX=4523.5 Mean-RX=5095.4Performance data was NOT compared

LOG PATH

2.6 Test Suite : Storage

Read and Write performance tests

2.6.1 Test Suite : USB

Test Case amsdkA-265: USB vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Summary:

USB vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-266: USB vfat partition write/read test with a block size of 4096 bytes and a file of

Summary:

---- Warning ----

TestLink Warning

test case name is too long (101 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-267: USB vfat partition write/read test with a block size of 16384 bytes and a file o

Summary:

---- Warning ----

TestLink Warning

test case name is too long (102 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-268: USB vfat partition write/read test with a block size of 65536 bytes and a file o

Summary:

---- Warning ----

TestLink Warning

test case name is too long (102 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-269: USB vfat partition write/read test with a block size of 524288 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-270: USB vfat partition write/read test with a block size of 1048576 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-888: USB vfat partition write/read test with a block size of 102400 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600

bytes

---- *** ----

USB vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-889: USB vfat partition write/read test with a block size of 262144 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

---- *** ----

USB vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-890: USB vfat partition write/read test with a block size of 5242880 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

USB vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

---- *** ----

testreport AM335x-Beaglebone_black_JB_4.2.2

USB vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

2.6.2 Test Suite : MMC/SD

Test Case amsdkA-277: MMC/SD vfat partition write/read test with a block size of 512 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 512 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-278: MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (104 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 4096 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-279: MMC/SD vfat partition write/read test with a block size of 16384 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (105 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 16384 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-280: MMC/SD vfat partition write/read test with a block size of 65536 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (105 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 65536 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-281: MMC/SD vfat partition write/read test with a block size of 524288 bytes and a fi

Summary:

---- Warning ----

TestLink Warning

test case name is too long (106 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 524288 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-282: MMC/SD vfat partition write/read test with a block size of 1048576 bytes and a f

Summary:

---- Warning ----

TestLink Warning

test case name is too long (107 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 1048576 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-891: MMC/SD vfat partition write/read test with a block size of 5242880 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 5242880 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-892: MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 102400 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

Test Case amsdkA-893: MMC/SD vfat partition write/read test with a block size of 262144 bytes and a file

testreport AM335x-Beaglebone_black_JB_4.2.2

Summary:

---- Warning ----

TestLink Warning

test case name is too long (103 chars) > 100 => has been truncated

Original name

MMC/SD vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

---- *** ----

MMC/SD vfat partition write/read test with a block size of 262144 bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

Testing notes StorageIO performance data collected successfullyPerformance data was NOT compared

LOG PATH

2.7 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

More information available at <http://www.netperf.org/netperf/NetperfPage.html>

2.7.1 Test Suite : TCP

TCP bandwidth

Test Case amsdkA-105: TCP Stream, Buffer size 16 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-106: TCP Stream, Buffer size 32 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-107: TCP Stream, Buffer size 64 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-108: TCP Stream, Buffer size 128 KB

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-109: TCP Stream, Buffer size 256

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-110: TCP Stream, Buffer size 512

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-111: TCP Stream, Buffer size 1024

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-112: TCP Stream, Buffer size 4096

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-113: TCP Stream, Buffer size 8192

Summary:

Measures TCP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

2.7.2 Test Suite : UDP

Test Case amsdkA-1074: UDP Stream, Buffer size 16 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-1075: UDP Stream, Buffer size 32 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-1076: UDP Stream, Buffer size 64 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-1077: UDP Stream, Buffer size 128 KB

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-1078: UDP Stream, Buffer size 256

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1079: UDP Stream, Buffer size 512

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1080: UDP Stream, Buffer size 1024

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1081: UDP Stream, Buffer size 4096

Summary:

Measures UDP bandwidth between Server (Running on Host PC) and Client (Android DUT).

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1082: UDP Stream, Buffer size 8192

Summary:

Measures UDP bandwidth between Server (Running on Host PC)
and Client (Android DUT).

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

2.8 Test Suite : Graphics

Test Case amsdkA-1505: IMG's OGLS2ChameleonMan FPS performance

Summary:

Measure FPS of IMG OGLS2ChameleonMan demo

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1506: IMG's OGLS2Coverflow FPS performance

Summary:

Measure FPS of IMG OGLS2Coverflow demo

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1507: IMG's OGLS2Shaders FPS performance

Summary:

Measure FPS of IMG OGLS2Shaders demo

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-1508: IMG's OGLSVase FPS performance

Summary:

Measure FPS of IMG OGLSVase demo

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

3 Test Suite : Stress

3.1 Test Suite : power

Test Case amsdkA-307: Monkey System Stress

Summary:

Stress Test the system using the monkey tool

Last Result: **Failed**

Build 2013-6-14

Tester gt_amsdk_lead

3.2 Test Suite : media

Test Case amsdkA-671: Android Video play

Summary:

This test case stress the video play application.

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

3.3 Test Suite : Browser

Browser Stress test

Test Case amsdkA-602: Browser Stres test

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

3.4 Test Suite : Graphics

Graphics related stress test.

Test Case amsdkA-603: Graphics Stress Test

Summary:

This test case stress the system by running all graphics application for a number of iteration.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-605: Graphics and Video Stress Test

Summary:

The test cases stresses the system running graphics and video applications.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

3.5 Test Suite : LAN

Stress test area for LAN

Test Case amsdkA-607: LAN_data and Video/audio playing for long time

Summary:

Data is send over the LAN while video is playing.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-663: 2-hr Network Stream Test

Summary:

Network Stream test

Last Result: **Failed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes Iteration 1, Stream FILE@TS/mindfields_low_osx.avi did not play or did not finish on the expected time execution expired Iteration 2, Stream FILE@TS/mindfields_low_osx.avi did not play or did not finish on the expected time execution expired Iteration 3, Stream FILE@TS/mindfields_low_osx.avi did not play or did not finish on the expected time execution expired Iteration 3, Stream FILE@TS/Sago_ManInMan.avi did not play or did not finish on the expected time execution expired Iteration 4, Stream FILE@TS/mindfields_low_osx.avi did not play or did not finish on the expected time execution expired

LOG PATH

Test Case amsdkA-756: 5-min LAN_data and Video/audio playing for long time

Summary:

Data is send over the LAN while video is playing.

Last Result: **Passed**
Build 2013-6-14

testreport AM335x-Beaglebone_black_JB_4.2.2

Tester gt_amsdk_lead
Testing notes Success Wireless Enable Disable Stress Test=100.0

LOG PATH

Test Case amsdkA-763: 5-min Network Stream Test

Summary:

Network Stream test

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead
Testing notes All streams played successfully

LOG PATH

3.6 Test Suite : Device IO

Test Case amsdkA-1067: 2-hr File copy Stress test between peripherals

Summary:

File copy Stress test between peripherals, this test verifies multiple file copies between board peripherals for a long period of time

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead
Testing notes	File copied successfully

LOG PATH

4 Test Suite : Documentation

Test Case amsdkA-54: DevKit Users Guide

Summary:

Verify that a DevKit Users Guide document is provided

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-55: Release Notes

Summary:

Verify that a Release Notes are provided

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-56: Porting Guide

Summary:

Verify that an Android Rowboat Porting Guide document is provided

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-57: CTS Report

Summary:

Verify that a CTS report is provided

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-58: DevKit Test Report

Summary:

Verify that a DevKit Test Report is provided

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-72: Eclipse Setup

Summary:

Verify that procedure to setup Eclipse for Android development is provided or referenced in the DevKit documentation

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-73: ADB over Ethernet Setup

Summary:

Verify that the procedure to setup Android Debug Bridge (ADB) over Ethernet is provided or referenced in the DevKit documentation

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-74: ADB over USB Setup

Summary:

Verify that the procedure to setup Android Debug Bridge (ADB) over USB is provided or referenced in the DevKit documentation

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-75: ADB .apk File Download

Summary:

Verify that procedure to download .apk files using ADB is documented

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-76: Eclipse APK File Download

Summary:

Verify that procedure to download .apk files using Eclipse is documented

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-78: DevKit Developers Guide

Summary:

Verify that a DevKit Developers Guide document is provided

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-81: Document Format

Summary:

Verify that all documents follow consistent template for same/similar information

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

5 Test Suite : Kitting

Test Case amsdkA-53: DevKit Content

Summary:

Devkit content should be complete (see expected results section)

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-77: Android Devkit apk file

Summary:

Verify that Android Package (.apk) file is provided for the DevKit

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-79: Download Page

Summary:

Verify that the DevKit installer is distributed from TI's download page and that md5 checksums are provided for all the downloadable files

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-80: arowboat.org Download Link

Summary:

Verify that a link to TI's product download page is provided on arowboat.org

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

6 Test Suite : Functionality

Functional Test cases

6.1 Test Suite : System

Test Case amsdkA-70: System boot

Summary:

Verify that DUT boots fine w/ provided x-loader, u-boot, uImage and root filesystem

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-71: System boot w/ console

Summary:

Verify that DUT boots fine w/ provided x-loader, u-boot, uImage and root filesystem and upon booting the Android console is available in the UART port

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-86: OOB Demos

Summary:

Validate that the system provides icons to Demo Apps in the wallpaper upon booting

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-87: RootFS over NFS

Summary:

Validate that the DUT boots fine when using root filesystem over NFS

Last Result:	Passed
Build	2013-6-14

Tester gt_amsdk_lead

7 Test Suite : Miscellaneous

This test area list different kinds of test cases.

Test Case amsdkA-610: Music application lists songs.

Summary:

Music application lists songs based on artists, genre and displays album graphic.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-611: Music application lists Songs from External Storage and Recorded

Summary:

Music application lists Songs from External Storage and Recorded Sounds.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-612: Camera will be part of Android DevKit core applications

Summary:

Camera will be part of Android DevKit core applications.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-613: Dev Tools will be part of Android DevKit core applications

Summary:

Dev Tools will be part of Android DevKit core applications.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-614: ICONS for standard applications will be placed on main window

Summary:

ICONS for standard applications will be placed on main window.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-615: Security will be turned ON in Android Layer

Summary:

Security will be turned ON in Android Layer

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-619: Links to support infrastructure on e2e and rowboat to be provided

Summary:

Links to support infrastructure on e2e and rowboat to be provided

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-620: Email will be part of Android DevKit core applications

Summary:

Email will be part of Android DevKit core applications

Last Result: **Passed**

Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-624: Calendar will be part of Android DevKit core applications

Summary:

Calendar will be part of Android DevKit core applications.

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-625: Android home screen contains Launcher -

Summary:

Android home screen contains Launcher - gateway to all applications

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-626: Android home screen contains Global Search Bar

Summary:

Android home screen contains Global Search Bar

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-627: Android Home Screen contains Tips widget to give important Tips

Summary:

Android Home Screen contains Tips widget to give important Tips

Last Result: **Passed**
Build 2013-6-14

Tester gt_amsdk_lead

Test Case amsdkA-628: Additional Widgets can be added to Home Screen by a long press on

Summary:

Additional Widgets can be added to Home Screen by a long press on the Blank area of Home Screen

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-629: Multiple Home Screen (5 Screens)

Summary:

Multiple Home Screen (5 Screens)

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-630: Slidable Status bar

Summary:

Slidable Status bar Indicating Time, System Events on top of the Home Screen

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-631: Wallpaper can be changed

Summary:

Wallpaper can be changed by pressing long on the Blank area of Home Screen

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-633: Gallery will be part of Android DevKit core applications

Summary:

Gallery will be part of Android DevKit core applications

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-634: Launcher will be part of Android DevKit core applications

Summary:

Launcher will be part of Android DevKit core applications

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-635: Global Search will be part of Android DevKit core applications

Summary:

Global Search will be part of Android DevKit core applications

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

Test Case amsdkA-636: Settings application helps to configure Sound, Display and various OOB settings

Summary:

Settings application helps to configure Sound, Display and various OOB settings

Last Result: **Passed**
Build 2013-6-14
Tester gt_amsdk_lead

8 Test Suite : IO

IO related manual test cases.

Test Case amsdkA-643: Android DevKit supports Mouse

Summary:

Android DevKit supports Mouse

Last Result: **Passed**

Build 2013-6-14

Tester gt_amsdk_lead

9 Test Suite : Processor Speed

Test Case amsdkA-647: Android DevKit supports Cortex A8 ARM up to Maximum Frequency

Summary:

Android DevKit supports Cortex A8 ARM up to Maximum Frequency.

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead

Test Case amsdkA-648: Android DevKit supports SGX up to Maximum Frequency

Summary:

Android DevKit supports SGX up to Maximum Frequency

Last Result:	Passed
Build	2013-6-14
Tester	gt_amsdk_lead