

Texas Instruments
amsdk_android



Beaglebone_JB_4.1

Test Report

Project: amsdk_android

Author: gt_amsdk_lead

Printed by TestLink on 01/11/2012

2009 (c) Testlink Community

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1 Test Suite : Compliance

Test Case amsdkA-403: Google's Compliance Test Suite(CTS) Automated

Summary:

This is to verify platform MUST pass the most recent version of the Android Compatibility Test Suite (CTS) available at the time of the device implementation's software is completed.

Last Result:	Passed
Build	2012-09-26
Tester	gt_amsdk_lead

2 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>

2.1 Test Suite : Reference Software

Test Case amsdkA-9: SDK's Calculator App

Summary:

Run Calculator app (from Google's SDK)

Last Result: **Passed**

Build 2012-09-26

Tester gt_amsdk_lead

Test Case amsdkA-10: SDK's LunarLander App

Summary:

Run LunarLander app (from Google's SDK)

Last Result: **Passed**

Build 2012-09-26

Tester gt_amsdk_lead

Test Case amsdkA-12: SDK's ApiDemos App

Summary:

Run ApiDemos app (from Google's SDK)

Last Result: **Passed**

Build 2012-09-26

Tester gt_amsdk_lead

Test Case amsdkA-13: Dalvik's Unit Tests

Summary:

Run Dalvik VM unit tests (from /dalvik/tests/)

Last Result: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes passed: 91 test(s)
failed: 2 test(s)
failed: 071-dexfile
failed: 095-switch-MAX_INT

Test Case amsdkA-385: Apps for android AndroidGlobalTime App

Summary:
Run AndroidGlobalTime app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes does not compile

Test Case amsdkA-386: Apps for android AnyCut App

Summary:
Run AnyCut app (from <http://code.google.com/p/apps-for-android/>)
Last Result: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes exception is thrown

Test Case amsdkA-387: Apps for android Clickin2DaBeat App

Summary:
Run Clickin2DaBeat app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-388: Apps for android DivideAndConquer App

Summary:
Run DivideAndConquer app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**

Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-389: Apps for android HeightMapProfiler App

Summary:
Run HeightMapProfiler app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-390: Apps for android LOLcat Builder App

Summary:
Run LOLcat Builder app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-391: Apps for android Panoramio App

Summary:
Run Panoramio app (from <http://code.google.com/p/apps-for-android/>)
Last Result: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes INSTALL_FAILED_MISSING_SHARED_LIBRARY

Test Case amsdkA-392: Apps for android Photostream App

Summary:
Run Photostream app (from
<http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-393: Apps for android Radar App

Summary:

Run Radar app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Missing library

Test Case amsdkA-394: Apps for android RingsExtended App

Summary:

Run RingsExtended app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-396: Apps for android SpriteMethodTest App

Summary:

Run SpriteMethodTest app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Runs but app does not implement scrolling so it can not be started

Test Case amsdkA-397: Apps for android Translate App

Summary:

Run Translate app (from <http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Runs but app does not implement scrolling

Test Case amsdkA-398: Apps for android WebViewDemo App

Summary:

Run WebViewDemo app (from
<http://code.google.com/p/apps-for-android/>)

Last Result: **Passed**

Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-399: Apps for android WikiNotes App

Summary:
Run WikiNotes app (from <http://code.google.com/p/apps-for-android/>)
Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

Test Case amsdkA-233: Replica Island

Summary:

Run Replica Island Game
Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

2.2 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 2012-09-26
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 2012-09-26
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 2012-09-26
Tester gt_amsdk_lead

2.3 Test Suite : Multimedia

2.3.1 Test Suite : Image

2.3.1.1 Test Suite : Decode

Test Case amsdkA-39: JPEG

Summary:

Display JPEG files using the Gallery app.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-40: PNG

Summary:

Display PNG image with Galllery app.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-41: GIF

Summary:

Display GIF image with Gallery app.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-42: BMP

Summary:

Display BMP Image with Gallery app.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

2.3.2 Test Suite : Video

2.3.2.1 Test Suite : Decode

Test Case amsdkA-44: H.263

Summary:

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

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-45: H.264

Summary:

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

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-46: MPEG4 SP

Summary:

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

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-772: MPEG4_352x288_15mbps_aac

Summary:

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

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-774: H.264_704x576_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-775: H.264_640x360_4mbps_aac

Summary:

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

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-776: H.264_352x288_4mbps_aac

Summary:

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

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-777: H.263_352x288_4mbps_aac

Summary:

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

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-779: MPEG4_176x144_15mbps_aac

Summary:

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

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-780: MPEG4_640x360_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-781: MPEG4_704x576_15mbps_aac

Summary:

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

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-782: MPEG4_720x480_15mbps_aac

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-784: H.264_720x480_4mbps_aac

Summary:

H.264 files in mpeg4 (.mp4) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-787: MPEG4_BigBuckBunny

Summary:

MPEG4 files in 3GPP (.3gp) container

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

3 Test Suite : Performance

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

1. System
2. Graphics
3. Browser

3.1 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 2012-09-26

Tester gt_amsdk_lead

Testing notes First boot: 133.4 sec
Others: 38.7 sec

Test Case amsdkA-593: Quadrant Benchmark

Summary:

Install and run aurorasoftworks Quadrant benchamrk

Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

3.2 Test Suite : 0xBench

Test Case amsdkA-89: 0xBench Math Linpack test

Summary:

0xBench Math Linpack test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

Test Case amsdkA-90: 0xBench Math Scimark2 test

Summary:

0xBench Math Scimark2 test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes MathScimark2 performance data collected successfullyPerformance data was
NOT compared

LOG PATH

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

Summary:

0xBench 2D Draw Canvas test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench 2D Draw Circle test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench 2D Draw Circle2 test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench 2D Draw Rect test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench 2D Draw Arc test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench 2D Draw Image test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench2D Draw Text test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench 3D OpenGL Cube test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes 3DOpenGLCube performance data collected successfully

LOG PATH

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

Summary:

0xBench 3D OpenGL Blending test.

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

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

Summary:

0xBench 3D OpenGL Fog test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
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 2012-10-15-4.1.2
Tester gt_amsdk_lead

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

Summary:

0xBench VM Garbage Collection test.

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead

3.3 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 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes 100/100

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	2012-10-15-4.1.2
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:	Failed
Build	2012-10-15-4.1.2
Tester	gt_amsdk_lead

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	2012-10-15-4.1.2
Tester	gt_amsdk_lead
Testing notes	Test case PASS.

LOG PATH

3.4 Test Suite : RowboPerf

Various Performance metrics

Test Case amsdkA-118: Dhrystone

Summary:

Measure Dhrystone bechmark

Last Result: **Passed**

Build 2012-10-15-4.1.2

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes 400

Test Case amsdkA-120: Linpack

Summary:

Measure Linpack metrics

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Testing notes 21458

3.5 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	2012-09-26
Tester	gt_amsdk_lead

Test Case amsdkA-122: adb ethernet Performance

Summary:

Measure Android Debug bridge performance using ethernet connection

Last Result:	Passed
Build	2012-09-26
Tester	gt_amsdk_lead

3.6 Test Suite : Storage

Read and Write performance tests

3.6.1 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	2012-10-15-4.1.2

Tester gt_amsdk_lead

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**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

---- *** ----

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

bytes and a file of size 104857600 bytes

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

3.6.2 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 2012-10-15-4.1.2

Tester gt_amsdk_lead

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 2012-10-15-4.1.2
Tester gt_amsdk_lead

**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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**Test Case amsdkA-281: MMC/SD 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 (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 2012-10-15-4.1.2

Tester gt_amsdk_lead

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**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 2012-10-15-4.1.2

Tester gt_amsdk_lead

**Test Case amsdkA-893: MMC/SD 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 (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 2012-10-15-4.1.2

Tester gt_amsdk_lead

3.7 Test Suite : Netperf

Tool to measure TCP/UDP bandwidth.

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

3.7.1 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 2012-09-26

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["16384"] {">85.77} Performance data was NOT compared

LOG PATH

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 2012-09-26

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["32768"] {">87.42} Performance data was NOT compared

LOG PATH

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 2012-09-26

Tester gt_amsdk_lead

Testing notes Buffer Size Throughput ["65536"] {">89.45} Performance data was NOT compared

LOG PATH

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 2012-09-26
Tester gt_amsdk_lead
Testing notes Buffer Size Throughput ["131072"] {""=>">92.66} Performance data was NOT compared

LOG PATH

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 2012-09-26
Tester gt_amsdk_lead
Testing notes Functionality is OK, this test cases uses a very small window size.

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 2012-09-26
Tester gt_amsdk_lead
Testing notes Functionality is OK, this test cases uses a very small window size.

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 2012-09-26

Tester gt_amsdk_lead
Testing notes Functionality is OK, this test cases uses a very small window size.

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 2012-09-26
Tester gt_amsdk_lead
Testing notes Buffer Size Throughput ["4096"] {">84.56} Performance data was NOT compared

LOG PATH

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 2012-09-26
Tester gt_amsdk_lead
Testing notes Buffer Size Throughput ["8192"] {">92.77} Performance data was NOT compared

LOG PATH

3.7.2 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: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.45 Buffer Size Throughput ["16384"] {"receive">0.45, "send">0.45} Performance data was NOT compared

LOG PATH

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: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.63 Buffer Size Throughput ["32768"] {"receive"=>0.63, "send"=>0.63} Performance data was NOT compared

LOG PATH

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: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.53 Buffer Size Throughput ["65536"] {"receive"=>0.53, "send"=>0.53} Performance data was NOT compared

LOG PATH

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: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.59 Buffer Size Throughput ["131072"] {"receive"=>0.59, "send"=>0.59} Performance data was NOT compared

LOG PATH

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: **Failed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.43 Buffer Size Throughput ["256"] {"receive"=>0.43, "send"=>0.43} Performance data was NOT compared

LOG PATH

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: **Failed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput ["512"] {"receive"=>0.41, "send"=>0.41} Performance data was NOT compared

LOG PATH

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: **Failed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.41 Buffer Size Throughput ["1024"] {"receive"=>0.41, "send"=>0.42} Performance data was NOT compared

LOG PATH

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: **Failed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.5 Buffer Size Throughput ["4096"] {"receive"=>0.5, "send"=>0.5} Performance data was NOT compared

LOG PATH

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: **Failed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes Performance is less than 30.0 Mb/s. AVG Throughput=0.65 Buffer Size Throughput ["8192"] {"receive"=>0.65, "send"=>0.65} Performance data was NOT compared

LOG PATH

3.8 Test Suite : Graphics

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

Summary:

Measure FPS of IMG OGLS2ChameleonMan demo

Last Result: **Passed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes FPS data collected successfully Performance data was NOT compared

LOG PATH

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

Summary:

Measure FPS of IMG OGLES2Coverflow demo

Last Result: **Passed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes FPS data collected successfully Performance data was NOT compared

LOG PATH

Test Case amsdkA-1507: IMG's OGLES2Shaders FPS performance

Summary:

Measure FPS of IMG OGLES2Shaders demo

Last Result: **Passed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes FPS data collected successfully Performance data was NOT compared

LOG PATH

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

Summary:

Measure FPS of IMG OGLESVase demo

Last Result: **Passed**

Build 2012-09-26

Tester gt_amsdk_lead

Testing notes FPS data collected successfully Performance data was NOT compared

LOG PATH

4 Test Suite : Stress

4.1 Test Suite : Monkey

Monkey tool

Test Case amsdkA-307: Monkey System Stress

Summary:

Stress Test the system using the monkey tool

Last Result: **Failed**
Build 2012-09-26
Tester gt_amsdk_lead
Testing notes Problem occurred while trying to run monkey test

LOG PATH

4.2 Test Suite : media

Test Case amsdkA-671: Android Video play

Summary:

This test case stress the video play application.

Last Result: **Passed**
Build 2012-09-26
Tester gt_amsdk_lead

4.3 Test Suite : Browser

Browser Stress test

Test Case amsdkA-602: Browser Stress test

Last Result: **Passed**
Build 2012-10-15-4.1.2
Tester gt_amsdk_lead
Testing notes Web Browser Stress Test=480.0

LOG PATH

4.4 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 2012-09-26
Tester gt_amsdk_lead
Testing notes Graphics Stress Test=100.0

LOG PATH

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 2012-09-26
Tester gt_amsdk_lead

4.5 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 2012-09-26
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: **Passed**
Build 2012-09-26

Tester gt_amsdk_lead
Testing notes All streams played successfully

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 2012-09-26
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 2012-09-26
Tester gt_amsdk_lead
Testing notes All streams played successfully

LOG PATH

4.6 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 2012-09-26
Tester gt_amsdk_lead
Testing notes File copied successfully

LOG PATH

5 Test Suite : Documentation

Test Case amsdkA-54: DevKit Users Guide

Summary:

Verify that a DevKit Users Guide document is provided

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-55: Release Notes

Summary:

Verify that a Release Notes are provided

Last Result: **Passed**

Build 2012-10-15-4.1.2

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-57: CTS Report

Summary:

Verify that a CTS report is provided

Last Result: **Passed**

Build 2012-10-15-4.1.2

Tester gt_amsdk_lead

Test Case amsdkA-58: DevKit Test Report

Summary:

Verify that a DevKit Test Report is provided

Last Result: **Passed**
Build 2012-10-15-4.1.2
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 2012-10-15-4.1.2
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 2012-10-15-4.1.2
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 2012-10-15-4.1.2
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	2012-10-15-4.1.2
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	2012-10-15-4.1.2
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	2012-10-15-4.1.2
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	2012-10-15-4.1.2
Tester	gt_amsdk_lead

6 Test Suite : Kitting

Test Case amsdkA-53: DevKit Content

Summary:

Devkit content should be complete (see expected results section)

Last Result: **Passed**

Build 2012-10-15-4.1.2

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 2012-10-15-4.1.2

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 2012-10-15-4.1.2

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 2012-10-15-4.1.2

Tester gt_amsdk_lead

7 Test Suite : Functionality

Functional Test cases

7.1 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 2012-09-26
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 2012-09-26
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 2012-10-15-4.1.2
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 2012-10-15-4.1.2

Tester gt_amsdk_lead

8 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 2012-09-26
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 2012-09-26
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: **Failed**
Build 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
Tester gt_amsdk_lead

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

Summary:

Multiple Home Screen (5 Screens)

Last Result: **Passed**
Build 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26
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 2012-09-26

Tester gt_amsdk_lead

9 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 2012-09-26

Tester gt_amsdk_lead

10 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 2012-09-26

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 2012-09-26

Tester gt_amsdk_lead