

Hi All,

This is the fullpass test report for Yocto 1.1 M4 RC2 build. There are 7 new bugs found in this testing. Sugarbay testing is blocked due to sato-sdk image not copied to sharing folder on autobuilder. Most multilib function could not work. non-GPLv3 build reports error when building core-image-basic. Basic functions of hob work well, except for the issues that 2nd build could not work after force stop 1st build and non-GPLv3 de-selection not work issue. x32 build could not work, meanwhile Nitin has fixed the issue in latest commit. Xorg eats lots of CPU's resource issue still exists on crownbay. Both Crashme/Helltest testing on Jasperforest and LTP testing on Beagleboard could pass 24 hours stress testing.

Note: for different image they are against different commit/branch information, you can refer to 'Commit Information' section for detail information. This test result is archived @ https://wiki.pokylinux.org/wiki/Yocto_1.1_Milestone_Test_Report

Test Summary:

Test Result Summary			
Component	Target	Status	Comments
BSP	eMenlow	GOOD	I2C_transfer error; Standby failed;
	Blacksand	GOOD	Everything runs well
	Crownbay-emgd	GOOD	Xorg eat lots of cup's resource after standby
	Sugarbay	GOOD	Everything runs well
	Jasperforest-lsb	GOOD	I/OAT DMA engine init failed;
	Beagleboard	GOOD	Everything runs well
	Routerstationpro	GOOD	Everything runs well
	Mpc8315e-rdb	GOOD	Everything runs well
QEMU	qemux86	GOOD	Everything runs well
	qemux86-64	GOOD	Everything runs well
	qemuarm	GOOD	Everything runs well
	qemuppc	GOOD	Everything runs well
	qemumips	GOOD	Everything runs well
ADT		GOOD	Everything runs well
Core build system		BUGGY	Multilib could not work; non-GPLv3 could not work
Power/Performance		GOOD	Power consumption of sugarbay and crownbay are 34.81W and 28.11W respectively Build time for a sato image on Core i7 machine is 124 minutes.

Compliance		GOOD	No regression for LTP and POSIX
Stress		GOOD	Both Crashme/Helltest testing on Jasperforest and LTP testing on Beagleboard could pass 24 hours stress testing.
HOB		BUGGY	Could not trigger 2nd build after stop one build; non-GPLv3 deselection not work

	Critical bugs, more than 50% test cases are blocked
	Only Normal, Minor or Enhancement bugs, or less than 10% test cases failed
	Normal, Major and Critical bugs, and more than 10% test cases failed

Detailed Test Result for each component					
Target	Total TCs	Not Run	Passed	Failed	Not testable (Blocked)
eMenlow Sato-SDK	58	0	56	2 (bug 310, 503)	0
n450 Sato-SDK	58	0	58	0	0
Crownbay-Sato-SDK	58	0	58	0	0
Sugarbay Sato-SDK	61	0	61	0	0
Jasperforest Isb-SDK	32	0	31	1 (bug 1188)	0
Beagleboard Sato-SDK	39	0	39	0	0
Routerstationpro Sato-SDK	33	0	33	0	0
Mpc8315e-rdb Sato-SDK	36	0	36	0	0
Qemux86-64 Sato	29	0	28	1 (bug 1174)	0
Qemux86-64 Sato-SDK	34	0	33	1 (bug 1174)	0
Qemux86 Sato	28	0	27	1 (bug 1174)	0
Qemux86 Sato-SDK	34	0	33	1 (bug 1174)	0
Qemuarm Sato	29	0	29	0	0
Qemuarm Sato-SDK	34	0	34	0	0
Qemumips Sato	29	0	29	0	0
Qemumips Sato-SDK	34	0	34	0	0

Qemuppc Sato	21	0	21	0	0
Qemuppc Sato-SDK	26	0	26	0	0
ADT	6	0	5	1 (bug 1466)	0
Core build system	32	0	20	12 (bug 1492, 1493, 1496, 1497, 1498, 1502, 1495)	0
Power & Performance	5	0	5	0	0
Compliance	2	0	2	0	0
Stress	3	0	3	0	0
HOB	23	0	22	1 (bug 1480)	0
Total	744	0	723	21	0

Commit Information

For Qemux86/Qemux86-64:

Tree/Branch: Poky-contrib/Master_under_test

Commit id: 0e9784d26df51bd564b8f23bd40a6c36969abd5c

Meta Branch: Master-under_test

Commit id: 6e19ec6948f012b588016842d991b336dc848163

For eMenlow/Crownbay/Sugarbay:

Tree/Branch: Poky/1.1_M4

Commit id: bb4a5c44da23a1bb363f1f081cf1644fd7975957

Meta Branch: 1.1_M4

Commit id: 49277afd9e5e510f7b1f82fd8cd10732e3bf2633

For Blacksand/Jasperforest:

Tree/Branch: Poky/Master

Commit id: 92518c5017945d29099b029a7c2bf80261287d6e

Meta Branch: Master

Commit id: 49277afd9e5e510f7b1f82fd8cd10732e3bf2633

For QemuArm/QemuMips/QemuPPC/Beagleboard/Routerstationpro/Mpc8315-rdb:

Tree/Branch: poky-contrib/rc2

Poky Commit: 6e19ec6948f012b588016842d991b336dc848163

Issue Summary

Component		Bug Number	Target Milestone
System & Core OS	System Usage	Bug 503 - [emenlow] system cannot enter S3 standby mode	1.1
	Other	Bug 1082 - [x86_64] No icons shown on X desktop with sato image	1.0 M2
Bug 1174: [zypper/rpm] package install/removal costs lots of disk space		1.1 M3	
Bug 310 - [eMenlow] i2c_transfer error on e-Menlow		1.1	
Core build system		Bug 1188 - [japerforest] I/OAT DMA engine init failed	post 1.1
		Bug 1258 -[crownbay] Xorg eats lots of CPU time after standby	1.1 M4
		New! Bug 1492 - non-GPLv3 build broken with incompatible license for gcc-crosssdk-intermediate	1.1
		New! Bug 1495 - [x32] No tclibc-glibc.inc found for x32 build	post 1.1
		New! Bug 1496 - [multilib] no lib32-task-core-ssh-dropbear found for lib32 image build	1.1
		New! Bug 1497 - [multilib] sysvinit-inittab build failure expanding variable SUMMARY with lib32 build against qemu86-64	1.1
		New! Bug 1498 - [multilib] several packages build failed for lib64 image build against qemu86	1.1
		New! Bug 1502 - [multilib] lib64-dpkg is unbuildable for lib64 build	post 1.1
Power & Performance		New! Bug 1493 - gcc-cross-canadian set to 4.6 when GCCVERSION is 4.5.1	1.1
		Power consumption of sugarbay and crownbay are 34.81W and 28.11W respectively, Build time for a sato image on Core i7 machine is 124 minutes. Detailed result on https://wiki.yoctoproject.org/wiki/Performance_Test .	
Compliance		LTP result: https://wiki.pokylinux.org/wiki/LTP_result POSIX result: https://wiki.pokylinux.org/wiki/Posix_result	

Stress	Both Crashme/Helltest testing on Jasperforest and LTP testing on Beagleboard could pass 24 hours stress testing.	
HOB	Bug 1479 - [HOB] deselect non-GPLv3 option not work Bug 1480 - [HOB] Could not trigger another build after stop build	1.1 1.1

Verified Fixed Bug:

1. [Bug 1444](#) - There is no emgd driver when build Crownbay images.