

Hi All,

This is the Fullpass test report for Yocto1.1 M3 RC3 build. There are three new bugs found in this testing compared with weekly testing. Hob and some core build feature tests are added. Yocto build failed on Fedora 15, but there has been a fixing patch for it. Lib32 build failed when kernel build error with 32bit mode. Lib64 build failed with gcc-cross-intermediate error. Bitbake-layers could work well.

For hob, images as well as toolchains build could work now. Non-GPLv3 and other options in Preferences could work also. There remains 18 open bugs for hob now. The major issue is that package dependency and reload are not correctly set, which cause bug 1281, 1364 and 1359 -- packages not reload correctly when changing Machine type, image do\_rootfs build fail with packages deselected against base image, package number is not consistent with user customized bb file. And user has to exit hob to restart a new build each time.

Helltest and Crashme could pass 24 hours testing on Jasperforest. Crashme could pass 24 hours testing on Beagleboard also. But LTP stress is running on Beagleboard. Idle power consumption of sugarbay and crownbay are 34.26W and 23.30W respectively.

Note: For different images, they are built against different commit/branch on autobuilder. You can refer to "Commit Information" section for detailed information. The test report is archived @ [https://wiki.pokylinux.org/wiki/Yocto\\_1.1\\_Milestone\\_Test\\_Report](https://wiki.pokylinux.org/wiki/Yocto_1.1_Milestone_Test_Report)

Hob and Multilib are tested against latest master, instead of M3 branch, since there are some fixing patches not in M3 currently.

#### Test Summary:

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Test Result Summary			
Component	Target	Status	Comments
BSP	SugarBay	GOOD	3D testing blocked due to libstdl.so;RTLDLIST invalid in ldd command.
	CrownBay-emgd	GOOD	Xorg eats lots of CPU time after standby
	JasperForest	GOOD	I/OAT DMA engine init failed;
	Blacksand	GOOD	Everything runs well
	eMenlow	GOOD	I2C_transfer error; Standby failed;
	Beagleboard	BUGGY	RPM package can not be installed.
	Routerstationpro	GOOD	Everything runs well
	Mpc8315e-rdb	GOOD	Everything runs well
QEMU	qemux86	GOOD	Rpm/zypper install/removal consume disk space;"Install/Remove" icon can't work.
	qemux86-64	GOOD	Rpm/zypper install/removal consume disk

			space;"Install/Remove" icon can't work.
	qemuarm	BUGGY	RPM package can not be installed.
	qemuppc	GOOD	Unfs does not work with qemuppc
	qemumips	GOOD	The image can not boot up.
<b>Core Build System</b>		BUGGY	Skeleton initscript can not start with minimal image.
<b>Power/Performance</b>		GOOD	Power consumption of sugarbay and crownbay are 37.50W and 23.96W respectively
<b>Compliance</b>		GOOD	LTP result: <a href="https://wiki.yoctoproject.org/wiki/LTP_result">https://wiki.yoctoproject.org/wiki/LTP_result</a> POSIX result: <a href="https://wiki.pokylinux.org/wiki/Posix_result">https://wiki.pokylinux.org/wiki/Posix_result</a>
<b>Stress</b>		GOOD	Except for Helltest on Beagleboard is on running, Helltest and crashme could pass 24 hours testing
<b>ADT</b>		BUGGY	Unfs does not work with qemuppc;
<b>HOB</b>		BUGGY	Packages not reload correctly when changing Machine type; User could not build other package/image after one build finished; image do_rootfs build fail with packages deselected against base image.

	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)
<b>Sugarbay Sato-SDK</b>	62	0	59	1 (bug 1236)	2 (bug 883)
<b>Jasperforest Sato-SDK</b>	34	0	33	1 (bug 1188)	0
<b>n450 Sato-SDK</b>	58	0	58	0	0
<b>eMenlow Sato-SDK</b>	58	0	56	2 (bug 310, 503)	0
<b>Crownbay-Sato-SDK</b>	59	0	59	0	0
<b>Beagleboard</b>	40	0	37	3 (bug 1352, 1234)	0

<b>Routerstationpro</b>	33	0	33	0	0
<b>Mpc8315e-rdb</b>	36	0	36	0	0
<b>Qemux86-64 Sato</b>	30	0	28	2 (bug 1174, 1234)	0
<b>Qemux86-64 Sato-SDK</b>	35	0	32	3 (bug 1174, 1234, 1236)	0
<b>Qemux86 Sato</b>	30	0	28	2 (bug 1174, 1234)	0
<b>Qemux86 Sato-SDK</b>	35	0	33	2 (bug 1174, 1234)	0
<b>Qemumips Sato</b>	30	0	29	1 (bug 1234)	0
<b>Qemumips Sato-SDK</b>	35	0	34	1 (bug 1234)	0
<b>Qemuppc Sato</b>	22	0	21	1 (bug 414)	0
<b>Qemuppc Sato-SDK</b>	27	0	26	1 (bug 414)	0
<b>Qemuarm Sato</b>	30	0	24	6 (bug 1352, 1234)	0
<b>Qemuarm Sato-SDK</b>	35	0	29	6 (bug 1352, 1234)	0
<b>Core Build System</b>	24	0	16	8 (bug 1358, 1361, 1362, 1165, 1210)	0
<b>Power/Performance</b>	4	0	4	0	0
<b>Compliance</b>	2	0	2	0	0
<b>Stress</b>	2	0	2	0	0
<b>ADT</b>	6	0	5	1 (bug 414)	0
<b>HOB</b>	30	0	27	3 (bug 1281, 1285, 1364)	0
<b>Total</b>	757	0	711	44	2

## Commit Information

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For

Blacksand/Crownbay/Sugarbay/Jasperforest/Qemuarm/mips/ppc/beagleboard/mpc8315e-rdb  
/routerstationpro:

Tree/Branch: Poky/1.1\_M3

Poky Commit id: abdec68876ac7ce1a6d5c223d1757b7e8a14b85f

Meta Branch 1.1\_M3

Meta Commit id: da93dc24fd73079b4dbb6811b83e44a2036d54ef

For Emenlow:

Tree/Branch: Poky/1.1\_M3

Poky Commit id: abdec68876ac7ce1a6d5c223d1757b7e8a14b85f

Meta Branch 1.1\_M3

Meta Commit id: 09e70dff36a1c204f76fe07c08a4f37f526728fe

For Toolchain/Qemux86/Qemux86-64:

Tree/Branch: Poky/1.1\_M3

Poky Commit id: 1580d1624647bc07ffd4997b6c8cfbccd8040fc5

## Issue Summary

Component		Bug Number	Target Milestone
System & Core OS	System Usage	Bug 503 - [emenlow] system cannot enter S3 standby mode	1.1
		Bug 883 - [Sugarbay] GFX 3D game test fail to run with sugarbay BSP image due to libSDL.so	1.1
		Bug 1174: [zypper/rpm] package install/removal costs lots of disk space	1.1 M2
		Bug 1234: No response when I click the 'Install/Remove Software' icon	1.1 M3
		Bug 1352: [qemuarm] RPM package can not be installed with 20110806 build	1.1 M4
	Other	Bug 310 - [eMenlow] i2c_transfer error on e-Menlow	1.1
		Bug 1188 - [japerforest] I/OAT DMA engine init failed	1.1
		Bug 1236 - Broken ldd due to wrong path for ld.so	1.1 M3
		Bug 1258 -[crownbay] Xorg eats lots of CPU time after standby	1.1 M4
		Core Build System	Bug 1165 - Skeleton initscript can not start with minimal image
Bug 1210: Some commands run failed on minimal images according to steps on minimal image wiki	1.1 M4		
New! Bug 1358 - do_package_write_rpm failed for sysvinit-inittab and update-rc.d on Fedora 15	---		
New! Bug 1361 - empty.c: code model not supported in 32bit mode error with lib32 image build	1.1		
New! Bug 1362 - gcc-cross-intermediate build failure in lib64 multilib case	1.1 M4		
Power/Performance		Power consumption of sugarbay and crownbay are 34.26W and 23.30W respectively	
Compliance		LTP test result is on <a href="https://wiki.pokylinux.org/wiki/LTP_result">https://wiki.pokylinux.org/wiki/LTP_result</a> POSIX test result is on <a href="https://wiki.pokylinux.org/wiki/Posix_result">https://wiki.pokylinux.org/wiki/Posix_result</a>	
Stress		Helltest and Crashme could pass 24 hours testing on Jasperforest. Crashme could pass 24 hours testing on Beagleboard also. But LTP stress is running	

<b>ADT</b>	Bug 414: [PPC] kernel panic when booting poky-image-sdk-qemuppc through UNFS	1.1 M3
<b>HOB</b>	Bug 1281 - packages not reload correctly when changing Machine type	1.1
	Bug 1285 - User could not build other package/image after one build finished	1.1
	<b>New!</b> Bug 1359 - [HOB] package number is not consistent with user customized bb file	1.1
	<b>New!</b> Bug 1360 - [HOB] user customized bb file has no machine information	1.1
	<b>New!</b> Bug 1364 - [HOB] image do_rootfs build fail with packages deselected against base image	1.1
	There remains 18 open bugs for hob now, refer to @ Bugzilla	

#### Verified Fixed Bug:

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1. [Bug 1211](#) - [Blacksand] Psplash failed when boot up Yocto
2. [Bug 1257](#) - [crownbay] broken grub due to wrong root path
3. [Bug 1317](#) - [Qemux86-64]sato and sato-sdk images boot failed
4. [Bug 1318](#) - [Toolchain] wrong path to ld.so for x86\_64 toolchain
5. [Bug 1351](#) - [emenlow] hdd image not found
6. [Bug 1314](#) - toolchain do\_populate\_sdk failed on autobuilder for arm/mips/ppc with 20110730 build