

Hi All,

This is the fullpass test report for Yocto 1.1 M4 RC4 build. There is no new bug found except for the 4 bugs found in weekly testing. There is no open major bugs for 1.1 now. Basic functions of all components, including hob and multilib, could work well. There is no distribution specific issue found against N+1 distros for Fedora, Opensuse and Ubuntu. Texinfo build could not pass, which blocks world build for all distributions. QA verified the new emenlow image from autobuilder, and the glx commands segfault issue is fixed in this build. LTP testing on Sugarbay and Blacksand is still on-going, which will be finished next Monday.

Note: for difference image build against difference commit/branch, please refer to 'commit information' section for detail 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)

### 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
Distribution Support		GOOD	No distribution specific issue. texinfo build blocks world build
Core build system		BUGGY	opkg package information not show multilib installed packages; x32 build couldn't work due to broken source URL

<b>Power/Performance</b>		<b>GOOD</b>	Power consumption of sugarbay and crownbay are 40.21W and 18.73W respectively
<b>Compliance</b>		in process	LTP testing on Sugarbay and Blacksand is on-going.
<b>Stress</b>		<b>GOOD</b>	Both Crashme and Helltest on Jasperforest and both Crashme and LTP on Beagleboard could pass 24 hours stress testing.
<b>HOB</b>		<b>GOOD</b>	Deb/ipk build not proceed by showing some packages being built; hob crash when opening customized bb file with Ubuntu 10.10.

	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	63	0	61	2 (bug 310, 503)	0
n450 Sato-SDK	63	0	63	0	0
Crownbay-Sato-SDK	64	0	64	0	0
Sugarbay Sato-SDK	67	0	67	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

<b>Qemuppc Sato</b>	21	0	21	0	0
<b>Qemuppc Sato-SDK</b>	26	0	26	0	0
<b>ADT</b>	6	0	6	0	0
<b>Core build system</b>	30	0	27	3 (bug 1522, 1529)	0
<b>Power &amp; Performance</b>	5	0	5	0	0
<b>Compliance</b>	2	0	2	0	0
<b>Stress</b>	3	0	3	0	0
<b>HOB</b>	26	0	24	2 (bug 1665)	0
<b>Total</b>	767	0	755	12	0

### Commit Information

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For Blacksand/Crownbay/Sugarbay/Jasperforest/Qemux86/toolchain:

Tree/Branch: Poky/Edison

Commit id: bc885cd8d343ad003391222429222526dba175ad

Meta branch: Edison

Commit id: fd7eee18e38ae45efaa299f015aedd4dc3257e6d

For eMenlow:

Tree/Branch: Poky/Edison

Commit id: 5ed59ae0f25bf673d514df2371da7e0415b62bb2

Meta branch: Edison

Commit id: c3e12aa981e97261093abee05bb0301c35f54c23

For QemuArm/QemuMips/QemuPPC/Beagleboard/Routerstationpro/Mpc8315e-rdb/toolchain:

Tree/Branch: poky/edison

Poky Commit: e02d553b45808b788c721c0722379d6b37c0b7d8

## Issue summary

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Component		Bug Number	Target Milestone
System & Core OS	System Usage	Bug 503 - [emenlow] system cannot enter S3 standby mode Bug 1082 - [x86_64] No icons shown on X desktop with sato image Bug 1174: [zypper/rpm] package install/removal costs lots of disk space	1.2 1.0 M2 1.2
	Other	Bug 310 - [eMenlow] i2c_transfer error on e-Menlow Bug 1188 - [japerforest] I/OAT DMA engine init failed Bug 1258-[crownbay] Xorg eats lots of CPU time after standby Bug 1664 - texinfo do_compile fail due to makedoc binary not executable	1.1 1.2 1.1 M4 1.2
Core build system		Bug 1529 - [x32] x32 build broken due to kernel.org fetch failure	1.1
		Bug 1538 - [multilib]: X window doesn't startup in multilib image randomly Bug 1522 - [multilib/ipk] /var/lib/opkg/status changed after the 1st boot Bug 1502 - [multilib] lib64-dpkg is unbuildable for lib64 build	1.2 1.2 1.2
Power & Performance		Power consumption of sugarbay and crownbay are 40.21W and 18.73W respectively. Build time for a sato image on Core i7 machine is 119 minutes. Detailed result on <a href="https://wiki.yoctoproject.org/wiki/Performance_Test">https://wiki.yoctoproject.org/wiki/Performance_Test</a> .	
Compliance		LTP result: <a href="https://wiki.pokylinux.org/wiki/LTP_result">https://wiki.pokylinux.org/wiki/LTP_result</a> POSIX result: <a href="https://wiki.pokylinux.org/wiki/Posix_result">https://wiki.pokylinux.org/wiki/Posix_result</a>	
Stress		Both Crashme and Helltest on Jasperforest and both Crashme and LTP on Beagleboard could pass 24 hours stress testing.	
HOB		Bug 1663 - [HOB] hob crash when opening customized bb file with Ubuntu 10.10	---
		Bug 1665 - [HOB] deb/ipk build not proceed by showing some packages being built	1.2

## Distribution test summary:

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Distribution	Host Arch	Target Machine	world build	core-sato-sdk build
Fedora 15	x86_64	qemux86	FAIL(bug 1664)	PASS
Ubuntu 11.04	x86_64	qemuarm	FAIL(bug 1664)	PASS
Opensuse 11.4	x86_64	qemuppc	FAIL(bug 1664)	PASS
Fedora 16 Alpha	x86_64	qemumips	FAIL(bug1664))	PASS

Ubuntu 11.10 Alpha3	x86_64	qemuarm	FAIL(bug 1664)	PASS
Opensuse 12.1 M5	x86_64	qemumips	FAIL(bug 1664)	PASS

### Verify bug list

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1. bug 1496 - [multilib] lib32 build against qemux86 failed during do\_rootfs
2. bug 1497 - [multilib] lib32 build against qemux86-64 failed during do\_rootfs
3. bug 1498 - [multilib] lib64 build against qemux86 failed during do\_rootfs
4. bug 1527 - [multilib] lib64 build against qemux86-64 failed during do\_rootfs
5. bug 1235- [Emenlow] Running glxinfo and glxgears commands failed.