```
board test
date & test version:
date [<date>]
test version [v0.1.0]
system:
core
              [<core>]
cpu
              [<cpu>]
#n cpus [<#count>]
#n cpus
frequency [<cpu_freq>]
hoard [<board>]
versions:
      [<#linux>+<#patch_id>]
[<#rtai>+<#patch_id>]
[<#gcc>]
linux
rtai
qcc
toolchain [<toolchain>]
patch, configure, compile
_____
linux:
1 linux patch [PASSED/FAILED]
1.1 successful hunks [<#count>]
1.2 failed hunks [<#count>]
1.3 configure
                                [PASSED/BLOCKED/FAILED]
1.4 compile
                                [PASSED/BLOCKED/FAILED]
rtai:
2 rtai patch
                               [INTEGRATED/PASSED/FAILED]
2 rtai patch [INTEGRATE]
2.1 successful hunks [<#count>]
2.2 failed hunks [<#count>]
2.3 configure
                               [PASSED/BLOCKED/FAILED]
2.4 compile
                               [PASSED/BLOCKED/FAILED]
basic tests
loading/unloading kernel modules:
(modules: rtai_hal.ko sched|lxrt msg sem mbx fifos shm)
3.1 kernel modules
3.1.1 load/unload (sched) [PASSED/FAILED]
3.1.2 load/unload (sched) [PASSED/BLOCKED/FAILED]
3.1.3 load/unload (lxrt) [PASSED/BLOCKED/FAILED]
3.1.4 load/unload (lxrt) [PASSED/BLOCKED/FAILED]
latency test:
(rtai_sched.ko, period: 1ms, sysload: dd /dev/urandom /dev/null)
3.2 latency: idle system
3.2.1 kernelspace, oneshot [PASSED/BLOCKED/FAILED]
3.2.2 kernelspace, periodic [PASSED/BLOCKED/FAILED]
3.2.3 userspace, oneshot [PASSED/BLOCKED/FAILED]
3.2.4 userspace, periodic [PASSED/BLOCKED/FAILED]
3.3 latency: system under load
3.3.1 kernelspace, oneshot [PASSED/BLOCKED/FAILED]
3.3.2 kernelspace, periodic [PASSED/BLOCKED/FAILED]
3.3.3 userspace, oneshot [PASSED/BLOCKED/FAILED]
3.3.4 userspace, periodic [PASSED/BLOCKED/FAILED]
preempt test:
(rtai_sched.ko, sysload: dd /dev/urandom /dev/null)
```

3.4 preempt: idle system

3.4.1 kernelspace3.4.3 userspace3.5 preempt: system unde3.5.1 kernelspace3.5.3 userspace		.ED]
switch test: (rtai_sched.ko, sysload: d 3.6 switch: idle system 3.6.1 kernelspace 3.6.3 userspace 3.6 switch: system under 3.7.1 kernelspace 3.7.3 userspace	[PASSED/BLOCKED/FAII [PASSED/BLOCKED/FAII	.ED] .ED]
latency test, 12h (user/on 3.8 latency: 12h	eshot/load): [PASSED / <mark>BLOCKED/FAII</mark>	"ED]
performance		
3.2/3.3 latency test	[min][avg][max	_]
idle kernelspace oneshot idle kernelspace periodic idle userspace oneshot idle userspace periodic load kernelspace oneshot load userspace periodic load userspace periodic]/[BLOCKED/FAILED] _]/[BLOCKED/FAILED] _]/[BLOCKED/FAILED] _]/[BLOCKED/FAILED] _]/[BLOCKED/FAILED] _]/[BLOCKED/FAILED] _]/[BLOCKED/FAILED] _]/[BLOCKED/FAILED]
3.4/3.5 preempt test	[min][avg][max	_][j-fast][j-slow]
idle kernelspace idle userspace load kernelspace load userspace		
3.6 switch test	[susp/res][sem:sig/wai	t][rpc:rcv-ret]
idle kernelspace idle userspace load kernelspace load userspace	[] [[] [[] [] [
3.8 latency test, 12h	[min][avg][max	_1
load userspace oneshot	[][]]/[BLOCKED/FAILED]