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Scuola Superiore
Sant'Anna

SCHED_DEADLINE for the desktop user

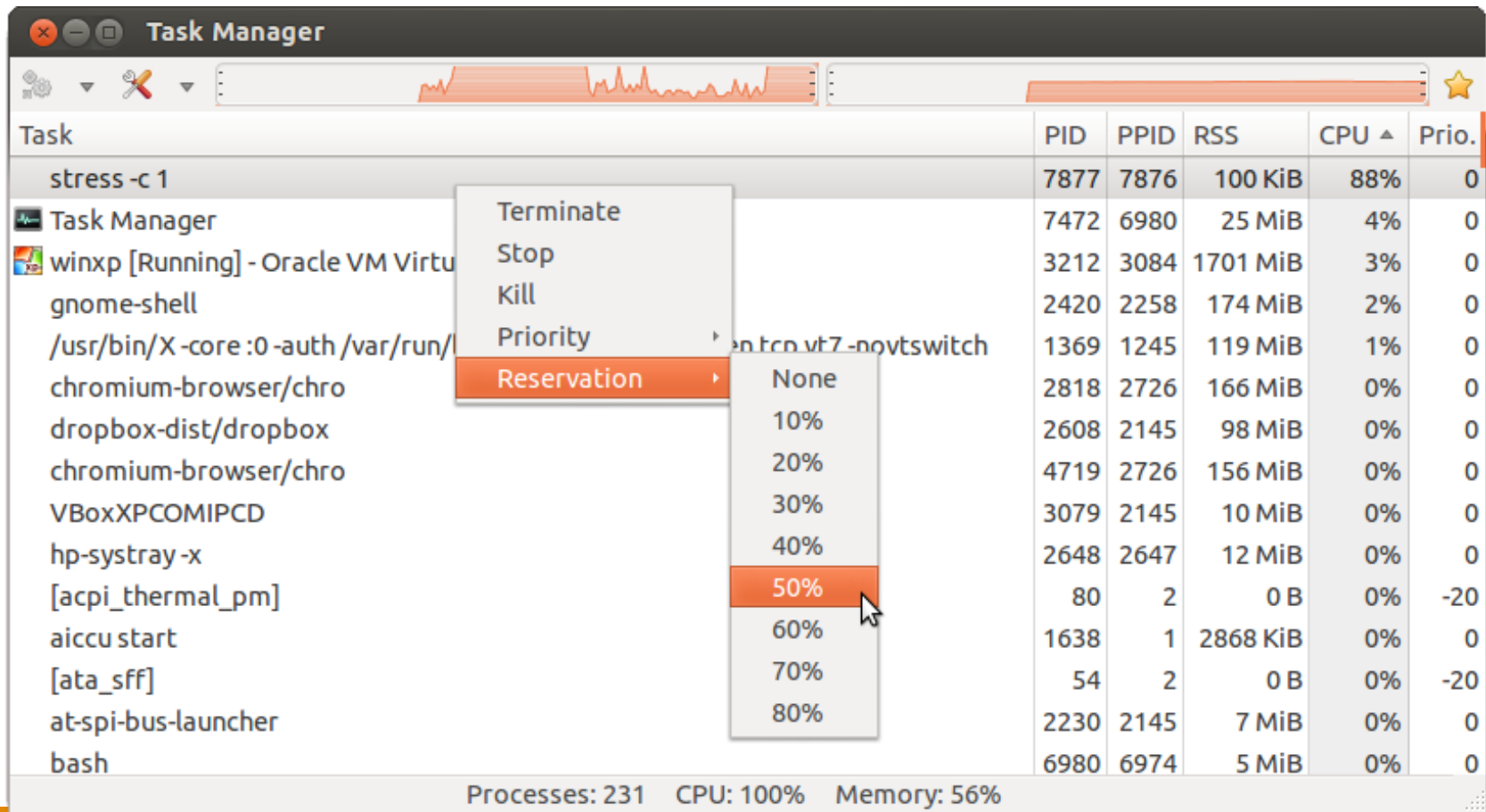
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Use cases

- **Reserve** CPU time for specific applications
 - No more choppy video playback while the system is doing other stuff in background
- **Limit** the CPU usage of specific processes
 - Let me run my simulations **without heating up** my laptop too much and making the use of other applications frustrating
 - Note: I guess CFS bandwidth control is a better solution, but probably less convenient
- **Set a precise trade-off** between performance and CPU load
 - I prefer Google Hangout to be slightly choppy (but never too much) instead of overheating my laptop

Making SCHED_DEADLINE (even more) convenient to use



<https://github.com/alessandrelli/xfce4-taskmanager-dl>