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SCHED_DEADLINE desiderata and slightly crazy ideas

Tuesday, November 13, 2018 11:45 AM (45 minutes)

The SCHED_DEADLINE scheduling policy is all but done. Even though it existed in mainline for several years, many features are yet to be implemented; some are already available as immature code, some others only exist as wishes.

In this talk Juri Lelli and Daniel Bristot De Oliveira will give the audience in-depth details of what's missing, what's under development and what might be desirable to have. The intent is to provide as much information as possible to people attending, so that a fruitful discussion might be held later on during hallway and micro conference sessions.

Examples of what is going to be presented are:

- Non-root usage
- CGroup support
- Re-working RT Throttling to use DL servers
- Better Priority Inheritance (AKA proxy execution)
- Schedulability improvements
- Better support for tracing

I agree to abide by the anti-harassment policy

Yes

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