

One year of SUMO

SUMO User Conference 2024



Knowledge for Tomorrow

SUMO 2023 - 2024

- ~450 changelog entries since version 1.18.0
 - 900 previously
- new tickets: ~1500
 - questions: 505
 - bugs: 461
 - enhancement: 355
 - rest are duplicates, refactoring, investigation, ...
- closed tickets: ~1230
 - questions: 506
 - bugs: 366 (24 regressions + 34 dev_regressions)
 - enhancements: 344
 - Incomplete changelog? (multi ticket entries, duplicates,...?)
- 5662 commits by ~50 contributors
- ~1000 mails on sumo-user (down from 2000) ?!



New Features

- Simulation: JuPedSim integration, new vClasses, geoTrips, device parameter distributions, jumps
- Netedit: JuPedSim integration, many small things
- Netconvert: Improvements for OSM import
- TraCI: many new functions

Major Bugfixes:

- HBEFA4 emissions (calibrated on km/h and used with m/s)
- Many fixes for bidirectional traffic
- Crashes (sumo, netedit)
- Sumo slowdown on windows (caused by translations)
- routeSampler: fixed departure sampling bias (reported in 2023 conference)
- Taxi device (disappearing taxis, inefficient pickup)

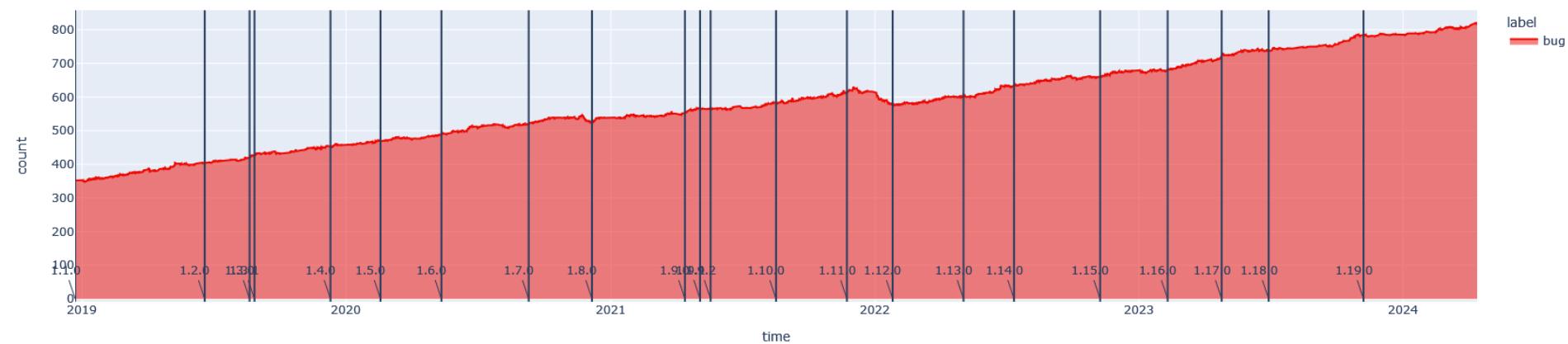


Upcoming

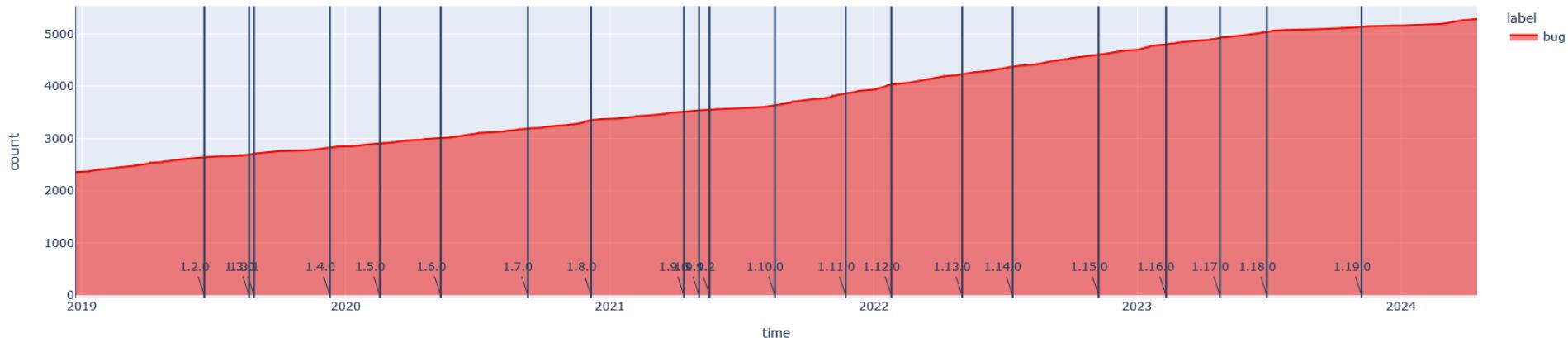
- ~~Coupling other pedestrian models~~
- improved bicycle simulation
- more tool integration in netedit
- bugfixing (currently 800 open bugs)
- ...
- More railway stuff



Bug statistics



open bug tickets



closed bug tickets

