

Evaluation Wish-List 2007

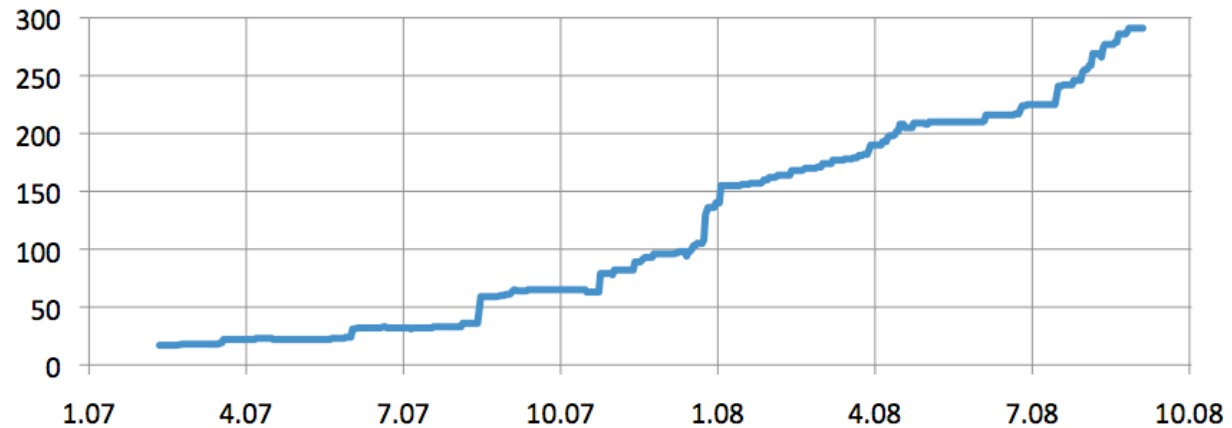
Last Year's Wish-List

- ++++++ More code robustness; code cleanup; etc.
- +++++ Echte verkehrsplanerische Probleme angehen (z.B. Westumfahrung)
- +++++ Improved secondary dest. choice with capacitated facilities
- +++++ Improved visualisation[[/analysis]] of results
- +++++ mode choice
- ++ Documentation and tutorials
- ++ React to TRB calls
- ++ Within-day replanning
- + Inclusion of parking
- + Social networks for leisure traffic
- + Speed up (esp. Java Mobsim)
- + Agenda generation model (via collaboration with Khandker Habib)
- + Fußgänger mit matsim
- + Evacuation simulations
- + integration of modules from external groups
- + Start getting some grip on non-commuting traffic (e.g. soc.nets)
- + Optimierung/Vergleich Framework
- + Surfing Brazil
- + Surfing Maui

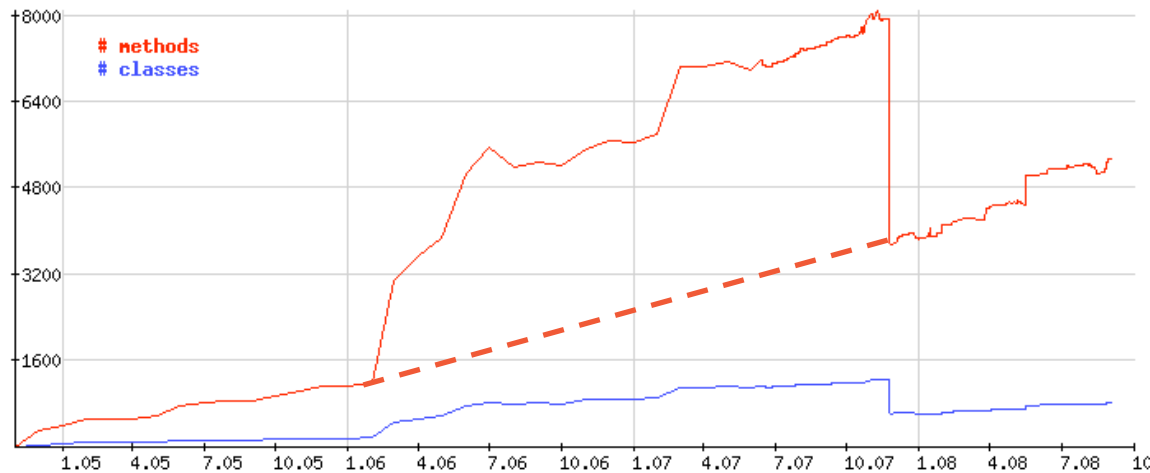
Last Year's Wish-List – in Detail

+++++ More code robustness; code cleanup; etc. ✓

- Much more test cases



- Much more new code, not much added documentation, only few classes removed ✗



Last Year's Wish-List

**+++++ Echte verkehrsplanerische Probleme angehen
(z.B. Westumfahrung)** 

- "nur" Westumfahrung Zürich

**+++++ Improved secondary dest. choice with
capacitated facilities** 

- Tested, paper, but not yet used on real scenarios

+++++ Improved visualisation[/analysis] of results 

- OTFVis
- Many manual analyses
- (needs more automatization now)

Last Year's Wish-List

+++++ mode choice

- Pseudo-PT in replanning/mobsim
- Planomat mode choice on sub tour level
- Work on public transit in progress

++ Documentation and tutorials

- Some documentation added by a few people only.
- Evacuation Tutorial

++ React to TRB calls

- No Paper submitted directly to a call,
but generally more papers submitted than 2007

Last Year's Wish-List

++ Within-day replanning

- Some work by Swedish students in Berlin, integrated into MATSim, but currently no more founding for continuation, though demand is here

+ Inclusion of parking

- Nothing done yet

+ Social networks for leisure traffic

- See Talk Jeremy

+ Speed up (esp. Java Mobsim)

- Major speedups of QSim in multiple steps, now in some scenarios more than 100% faster (but still not as fast as deqsim...)
- Improved multi-threading for Re-Planning

Last Year's Wish-List

- + Agenda generation model (via collaboration with Khandker Habib) X
- + Fußgänger mit matsim ≈
- + Evacuation simulations ✓
- + integration of modules from external groups ≈
- + Start getting some grip on non-commuting traffic (e.g. soc.nets) ≈
- + Optimierung/Vergleich Framework X
- + Surfing Brazil ≈
- + Surfing Maui X

Thanks for your attention!

Questions? Comments?

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Technische Universität Berlin



MATSim
Multi-Agent Transport Simulation