



SUMO Workshop

2/2: Determining Problems, Issues, and Bugs



Determining Problems, Issues, and Bugs

a) Workflow-Centred

How is the package used?

1. Which steps are done for preparing a research?
2. Which tools are used?
3. Which problems are known / per tool?
4. Which workarounds are used? Can they be incorporated into the suite?
5. What is missing? What costs the most time?

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b) Models

Which models are definitely wrong?

Which models are how wrong?

Where are better models needed at most?

1. Network preparation
 1. Lane-connection heuristics
 2. Import features
2. Route/Demand preparation
3. Simulation
 1. Car-following
 2. Lane-changing
 3. ?



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c) Software Design Criteria

How important/problematic are

1. Memory consumption (per tool)
2. Execution speed (per tool)
3. User interaction (per tool)
4. Usage variability (per tool?)



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Free talk

- What is inconsistent?
- What is needed?
- What is missing?

