



Executive Overview

TITLE: Evaluating Madhoc as a simulation tool for VANETs

GOALS:

1. Identifying the main features of VANETs.
2. Checklist of checkpoints for accurately simulating VANETs.
3. Evaluating Madhoc capabilities concerning the previous checklist.
4. Reporting the results of several simulation experiments with Madhoc.

CHECKLIST:

1. Accurate simulation of wireless communication.
2. Realistic mobility models.
3. Scalability
4. Statistics gathering.
5. Graphical user interface.
6. Digital map integration.

CONCLUSIONS:

1. Madhoc fails at points 1, 2, 3, and 6 from the previous list.
 2. At its current state, Madhoc is not a feasible option for simulating VANETs.
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