

Automating Virtual Testing for Automated Driving

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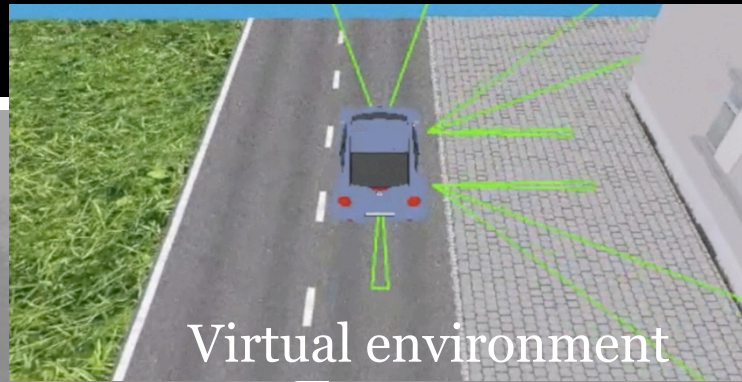
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- Today's experiments:
 - Google: >500,000mi
 - Gothenburg, Sweden: Experiment with ~100 self-driving cars by 2017
- Main challenge: Increasing “incident-density per driven mile”
- ➔ “Big Data” of growing number of recorded test-runs is **valuable** source of test-data (~500,000mi = 90,000,000s of test data)
- ➔ Methods for **effectively** exploring that data are required



Virtual environment



Data Set #1



Data Set #2



Data Set #3



Data Set #4



Data Set #5



Data Set #6



Data Set #7



Data Set #8



Data Set #9