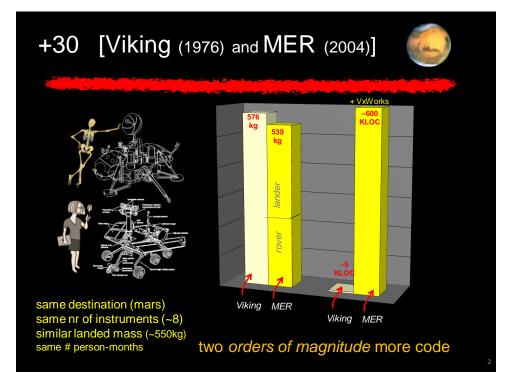
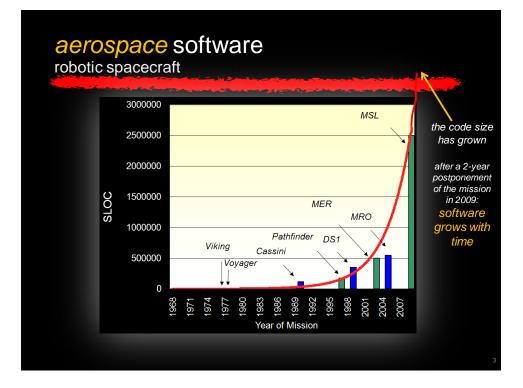
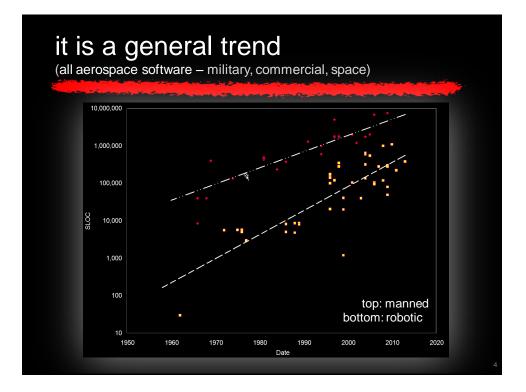
## analysis of complex software

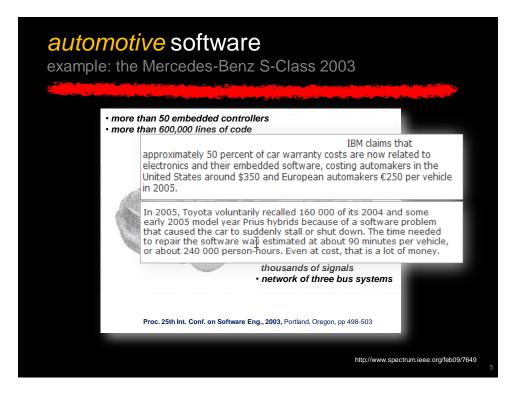
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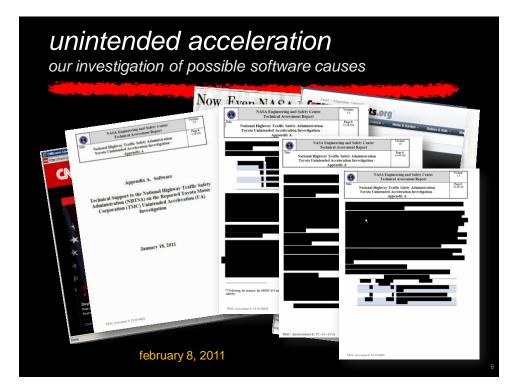












## our plan objective: scale logic model checking techniques to handle complex software applications (as used in automobiles, spacecraft, power plants) - significantly improve over currently used methods for software testing method: leverage grid/cloud/multi-core verification • techniques and search randomization techniques 1. develop new efficient algorithms, and prove them correct 2. make them trivial to use by any software developer 3. evaluate them on complex mission-critical spacecraft software *metric: quantifiable improvements over the currently* used verification methods for complex software de complex systems systems in the target domain (aerospace & automotive)

