LTL_f to Symbolic DFA

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LTL_f and DFA

- ▶ LTL $_f$ reasoning to DFA reasoning. \odot
 - ightharpoonup LTL_f synthesis to reachability game on DFA.
- Explicit DFA: **Doubly-exponential**. ©
- Symbolic DFA, exp smaller than explicit representation.

Symbolic DFA

- Understand symbolic DFA representations.
 - Partitioned representation.
 - Monolithic representation.
- Computations on symbolic DFA.
- Project idea:
 - ▶ Which representation is superior, DFA reachability game solving?