

Ars Digita University

Theory of Computation

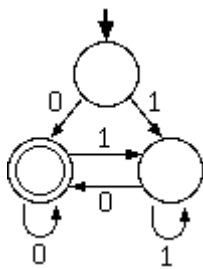
Recitation 4, 05/08/01

Topics

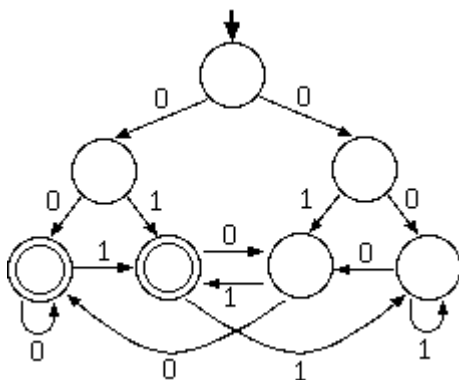
- How to minimize DFA's and why one would.
- Turning a DFA into a Grammar
- Decision Problems.
- Some applications of Regular expressions
- Everything is a string / number.

Problems to work on

1. Why do we care about minimizing DFA's ?
2. Minimize the following DFA. What Language does it generate?



3. Minimize the following DFA. What Language does it generate?



4. Minimize the following DFA. What Language does it generate?

