RACSO DFA CFG Operations: Reg, CF PDA Reductions: K, WP, CFG, NP, SAT ANTLR: lex, syn Exams   nil.casas.duatis

Exercise ‹6›: Minimum DFA for $\{w \in \{a,b\}^* \mid \exists x : w = xbabab\}$
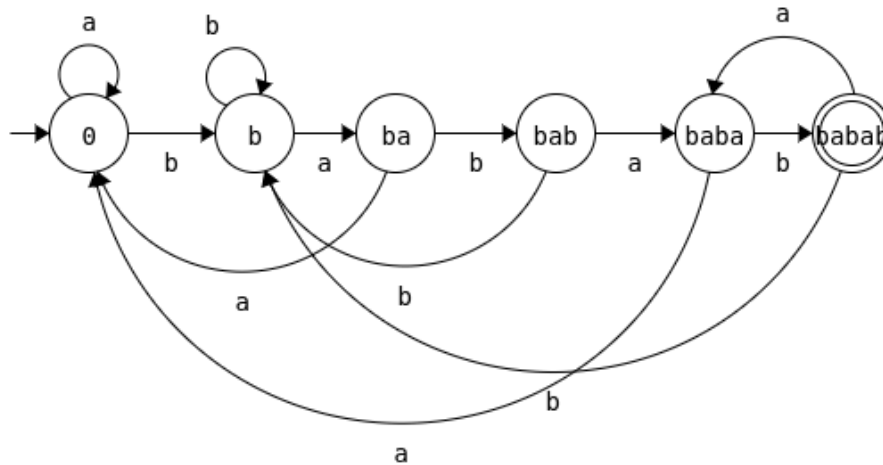
Describe the minimum DFA that recognizes the words over $\{a, b\}$ ending with $babab$.

Authors: Guillem Godoy / *Documentation:*

Date: 2025-02-12 16:28:32
Verdict: accepted

Correct automaton.

Fullscreen

Switch to text editor

Usage:

- **Add a state:** double-click on background.
- **Add a transition:** shift-drag from a state to a state.
- **Make a starting state:** shift-drag from background to a state.
- **Make an accepting state:** double-click on a state.

Automaton encoded in text:

```
        a       b
0       0       b
b       ba      b
ba      0       bab
bab     baba    b
baba    0       babab
babab   baba    b       +
```

Submit   Previous submissions