

Exercise 15: Minimum DFA for $\{w \in \{a, b\}^* \mid |w|_{bbb} = 0\}$

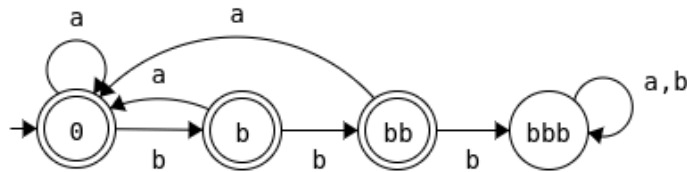
Describe the minimum DFA that recognizes the words over $\{a, b\}$ that do not contain the subword bbb .

Authors: Guillem Godoy / Documentation:

Date: 2025-02-19 17:26:53

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  0  bb +
bb 0  bbb +
bbb bbb bbb

```

Submit

[Previous submissions](#)