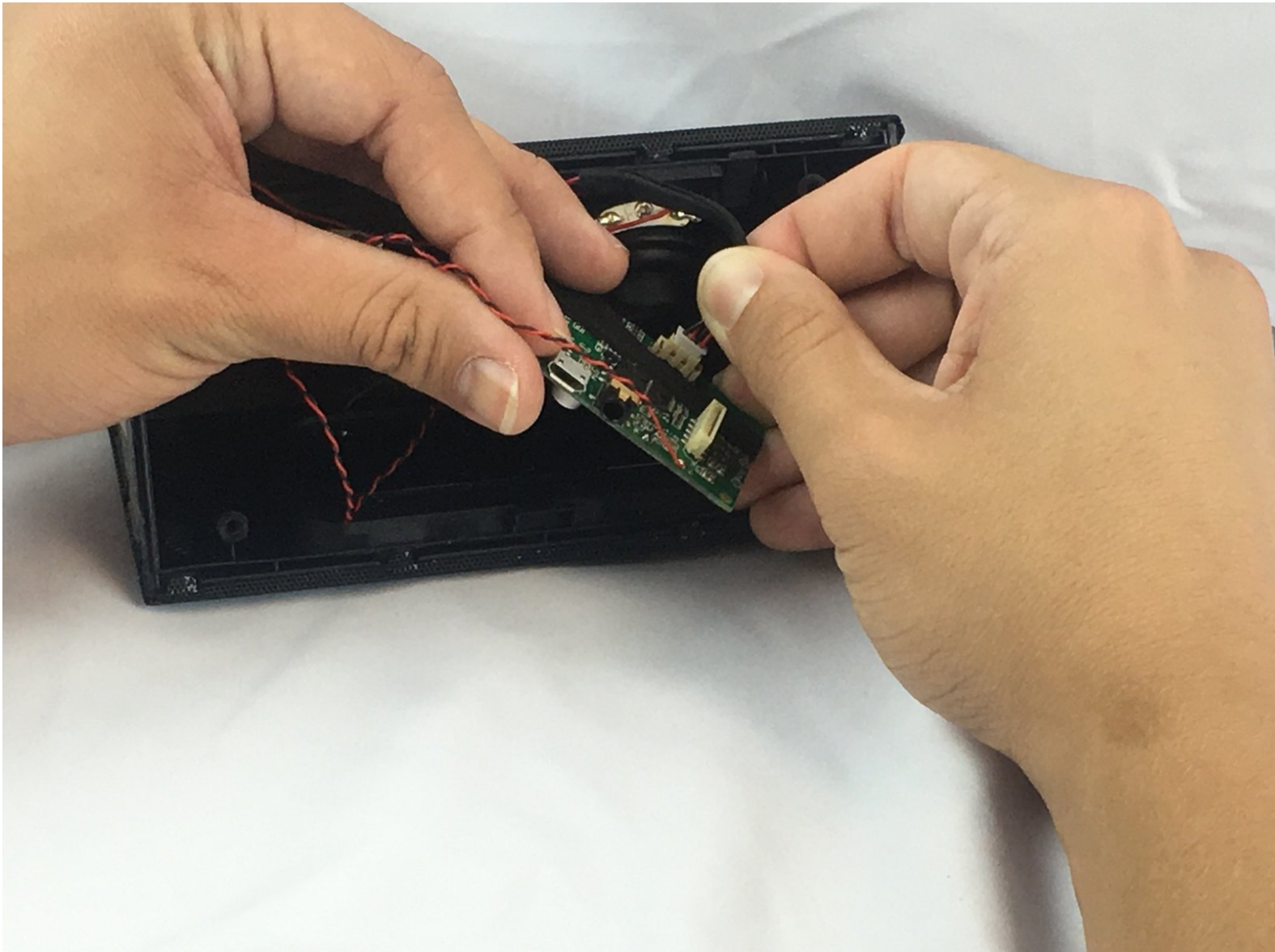# Cambridge SoundWorks OontZ Angle Plus Motherboard Replacement

Replace the motherboard of the Cambridge SoundWorks OontZ Angle Plus.

Written By: Farshad Mohebban

INTRODUCTION

Use this guide to replace the motherboard of the Cambridge SoundWorks OontZ Angle Plus.

TOOLS:

- Phillips #1 Screwdriver (1)
- Soldering Iron (1)
- iFixit Opening Tools (1)

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Step 1 — Lower Casing

- Pull back the six screw covers on the bottom of the device.

- Starting from the screw covers, peel the casing away from the bottom plate.
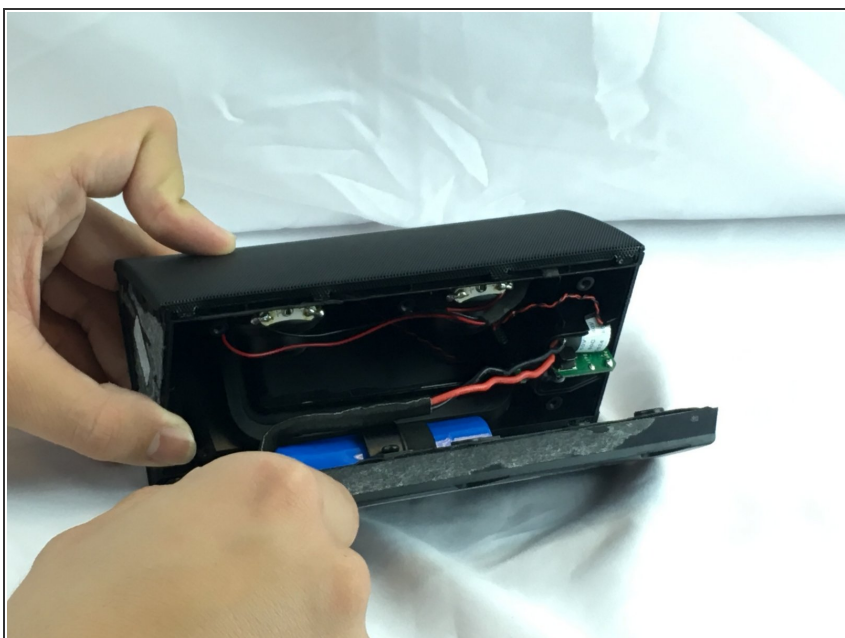
Step 2 — Battery

- Unscrew the five 11.5mm Phillips screws on the bottom plate.

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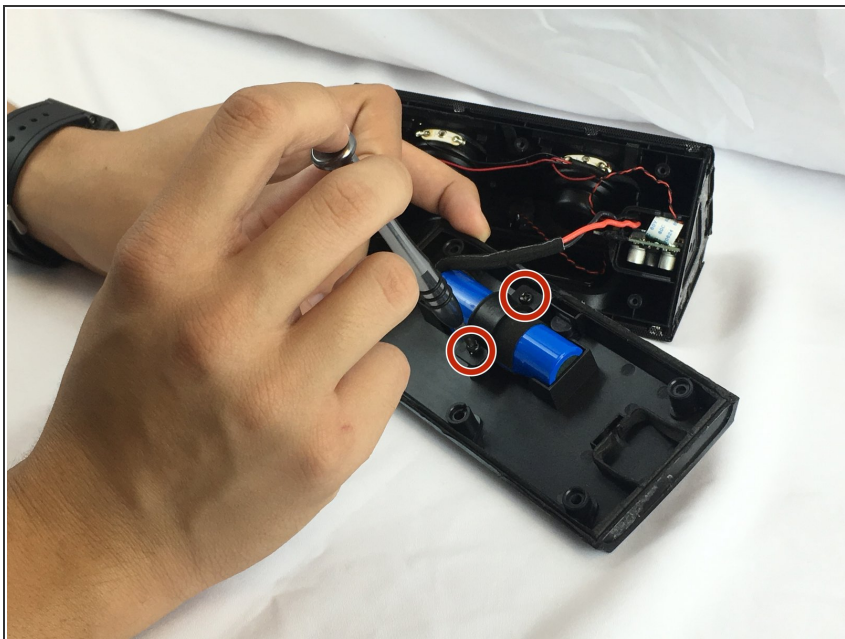
Step 3

- Carefully pull apart the bottom plate and the top plate, using the blue plastic opening tool.
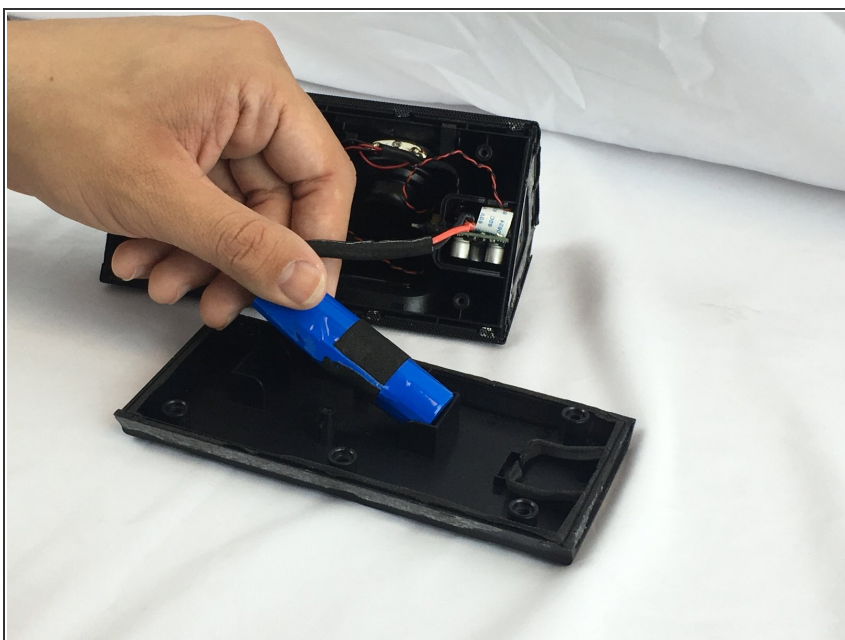
Step 4

- Once the bottom plate and the top plate are separated, slowly pull the back plate away from the top plate.

- (i) There are wires connected to both plates so do this step with care.

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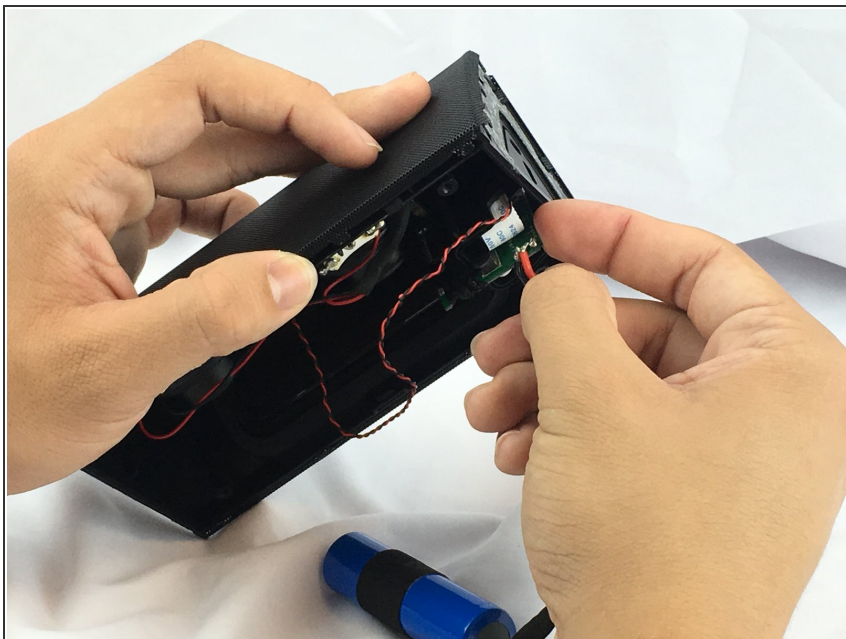
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Step 5

- Unscrew the two 10 mm Phillips screws on the brace holding down the battery.

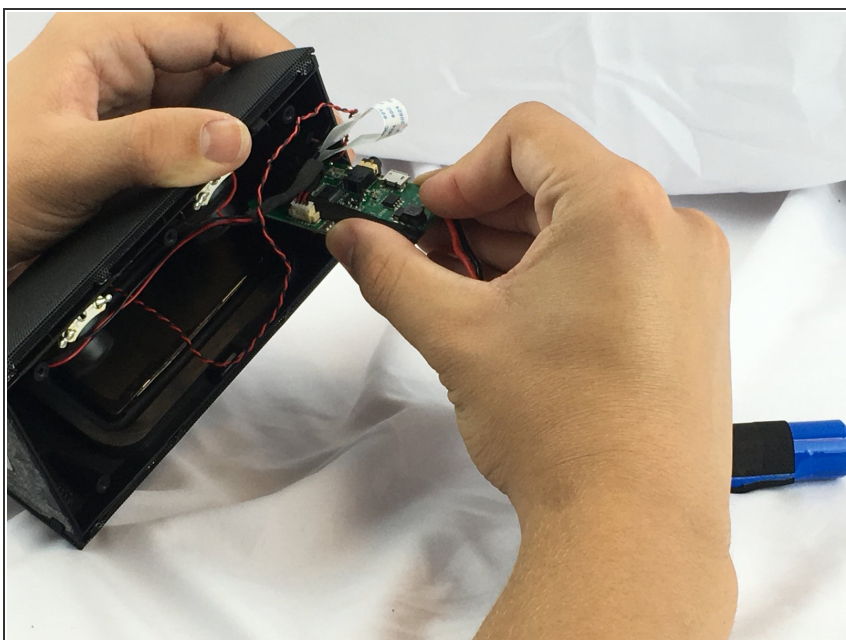- Remove the brace that holds the battery in place.

Step 6

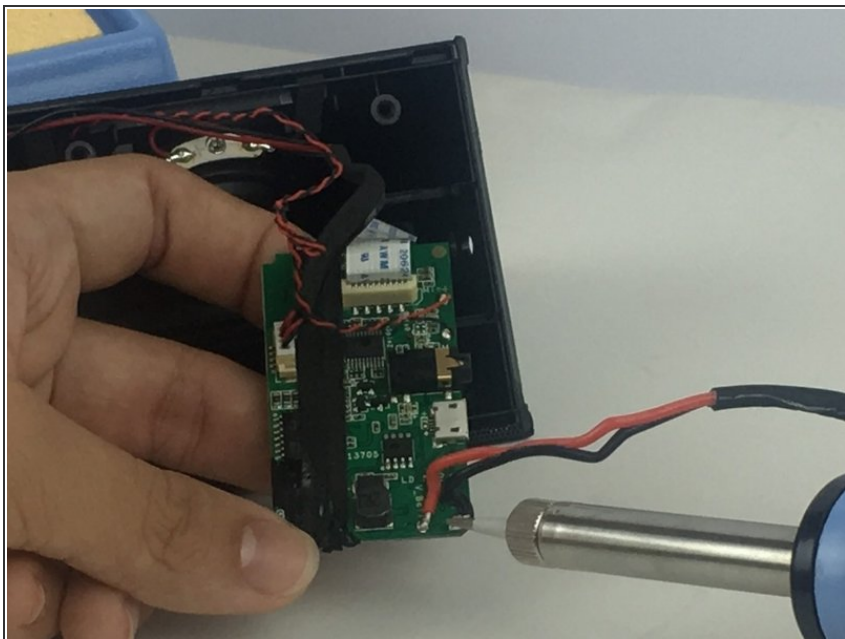- Separate the battery from the bottom plate and set the bottom plate aside.

Step 7

- With some force, push the motherboard straight in toward the center of the device.
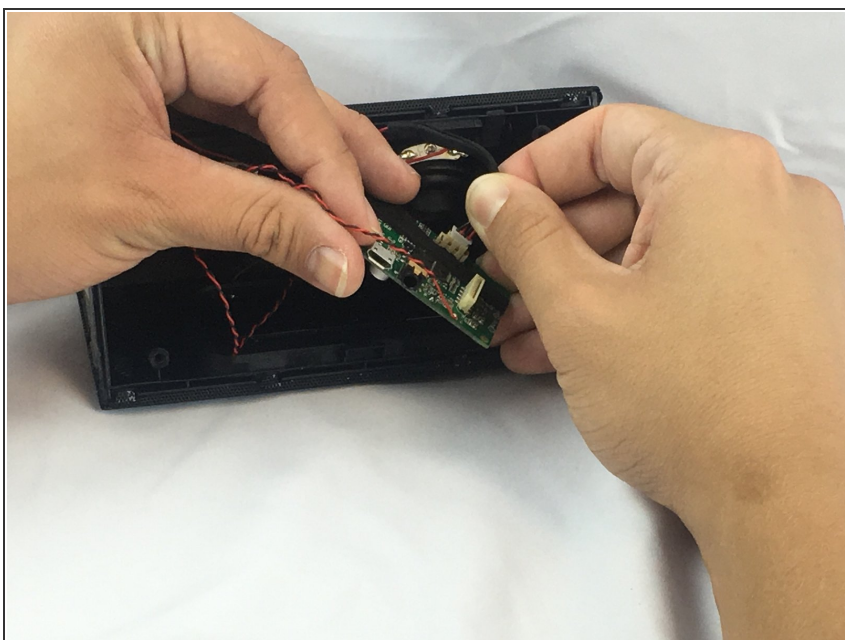
Step 8

- Pull the motherboard straight out of the device.

- (i) There is some adhesive on the motherboard that holds it in place. This make the motherboard fit in the groove rather tight.
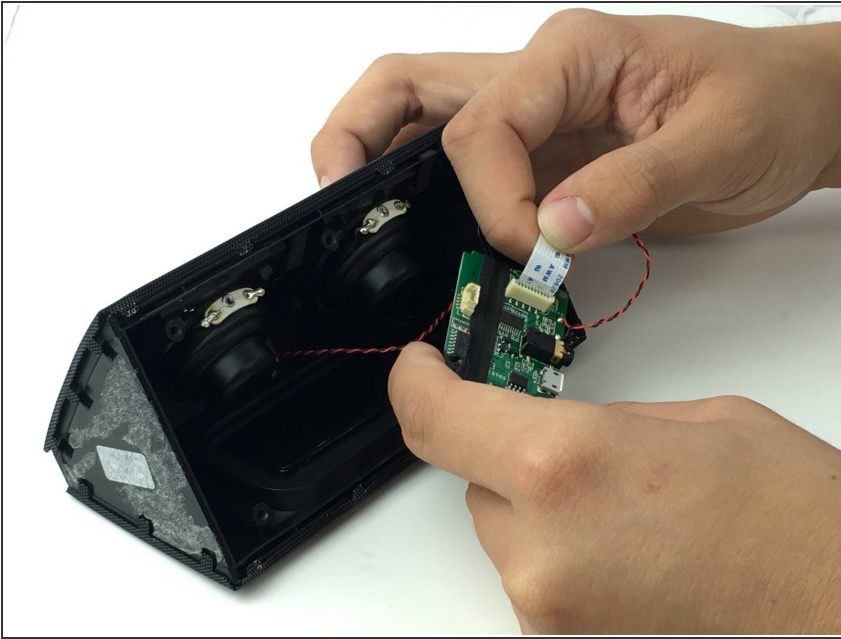
Step 9

- Desolder the wires that connect the battery to the motherboard, negative (black wire) and positive (red wire).
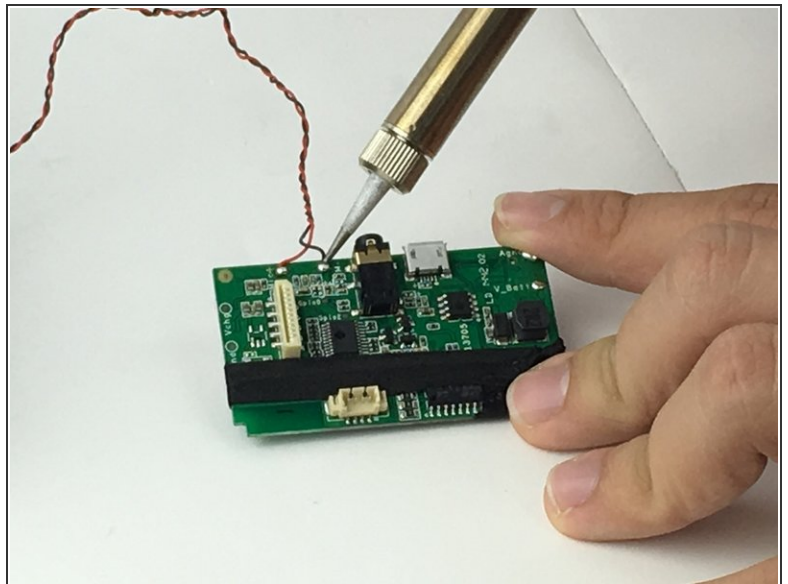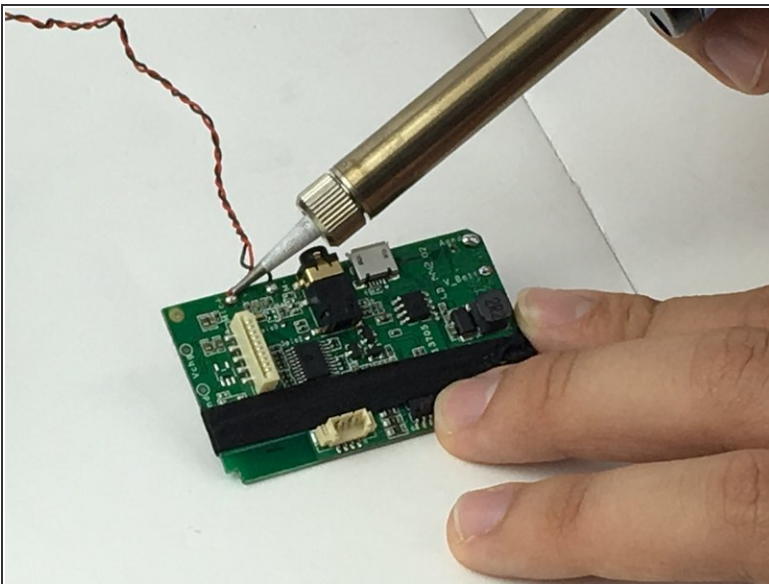
Step 10 — Motherboard

- Unplug the wires that connect the speakers to the motherboard.

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Step 11

- Unplug the thin white cable connected to the buttons.

Step 12

- Desolder the wires that connect the LED to the motherboard.

To reassemble your device, follow these instructions in reverse order.

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