Energy Transfer
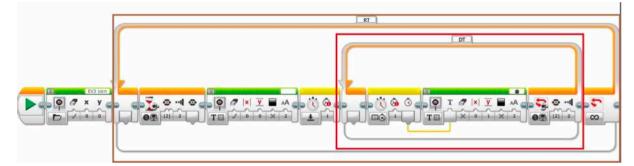
EV3 program description

In program "01", when you push the EV3 Center Button, time measurement in seconds begins and is displayed on the EV3 Brick Display. Push the Center Button on the Brick once again to stop time measurement, and the time elapsed is displayed in seconds on the Brick Display. Time measurement commences again at 0 if you press the EV3 Center Button again.

Abbreviations used

RT   Reset Time
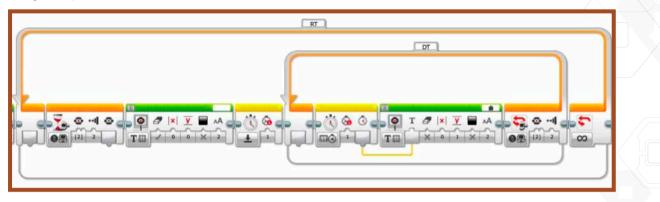DT   Display Time

Program summary

Start program

Start time measurement by pressing the EV3 Center Button (in program part A).

Exit program

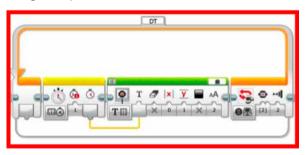The Center Button ends time measurement (in program part B). The Cancel Button exits the program.

Program parts

Program part A

Program part A is a loop that executes repeatedly until the user exits the program by pressing the Cancel Button. At the start of the loop, the program waits until the user initiates time measurement by pressing the EV3 Center Button. After that, the EV3 Display is cleared and the timer is reset.

Program part B

In program part B, the DT loop is repeated until the user ends it by pressing the EV3 Center Button. For each loop cycle, the time elapsed in seconds since the last timer reset from program part A is output on the Brick Display. If you end the loop, the last output time value in seconds remains on the display, and the program resumes at the start of program part A.