



Ozobot Blockly

Ozobot Editor

	Ozobot Blockly	Ozobot Editor
Compatible Ozobot Robots	Bit and Evo	Ari, Evo and ORA
Method for Connecting & Receiving Programs	<ul style="list-style-type: none">• Bit (flash loading, USB Micro)• Evo (flash loading, BLE)	<ul style="list-style-type: none">• Ari (wi-fi for receiving program, BLE or Connection Key for connecting to Editor)• Evo (BLE)• ORA (ethernet cable)
Reference Guide Per Block	✓	✓
Built-in Programs	✓	✗
Links to Ozobot Challenges	✓	✗
Ability to Save and Download Program Files	✓	✓
Ability to Open Saved Program Files	✓	✓
Ability to Open Sharecode Links	✓	✓
Real Time Communication (Bot receives each program instruction step by step, this is what allows the multi-bot programming and concurrency)	✗	✓
Ability to Specify Which Bot Performs Each Function Using "With Device" Block	✗	✓
Ability to Create Programs That Run Multiple Bots	✗	✓
Multi-Bot Concurrency (two bots can be doing different programs simultaneously)	✗	✓
Ability for single bot to run concurrent tasks/functions. Example moving while performing light function	✗	✓
Shows Numerical Results of Sensors (proximity, accelerometer, gyroscope, ToF, etc) on Editor and Ari Screens	✗	✓
Ability for Bot to Move While Taking and Recording Measurements from Sensors (proximity, accelerometer, gyroscope, ToF, etc)	✗	✓
Can Interrupt Program to Await User Feedback	✗	✓
Can Show Math Functions and List Results on Editor and Ari Screens	✗	✓