# **Resource Summary Report**

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# pyControl project

RRID:SCR\_021574

Type: Tool

### **Proper Citation**

pyControl project (RRID:SCR\_021574)

#### **Resource Information**

URL: <a href="https://edspace.american.edu/openbehavior/project/pycontrol/">https://edspace.american.edu/openbehavior/project/pycontrol/</a>

**Proper Citation:** pyControl project (RRID:SCR\_021574)

**Description:** Portal provides system that combines open source hardware and software for control of behavioral experiments. Open source framework, combines Python scripts and Micropython microcontroller. Framework can be run through command line interface, or in user friendly graphical user interface that allows users to manage variety of devices such as nose pokes, LED drivers, stepper motor controllers and more. Data collected using this system can then be imported into Python for data analysis.

**Synonyms:** pyControl system

Resource Type: instrument resource, portal, project portal, data or information resource

**Keywords:** Instrument, Micropython microcontroller, Python scripts, behavioral experiment

control, OpenBehavior

**Funding:** 

Availability: Free, Freely available

Resource Name: pyControl project

Resource ID: SCR\_021574

**Record Creation Time:** 20220129T080356+0000

**Record Last Update:** 20250428T054233+0000

# Ratings and Alerts

No rating or validation information has been found for pyControl project.

No alerts have been found for pyControl project.

### Data and Source Information

Source: SciCrunch Registry

# **Usage and Citation Metrics**

We have not found any literature mentions for this resource.