TECHNOLOGY

Programmatic Interface to Digitimer DS8R and Compatible Devices

OVERVIEW

This software library is a programmatic interface that allows for the control of various settings of the DS8R Biphasic Constant Current Stimulator produced by Digitimer Ltd. and other compatible devices. This interface consists of two parts. The first part is a wrapper API that interacts with DLL supplied by Digitimer. The second part uses Python's ctypes to interface with the wrapper API, which allows applications written in Python to control DS8R and dll-compatible devices. However, the wrapper API's simplified data structures and method calls allow other programming languages to interface with the library as well.

For licensing info, please contact umventuresstore@umd.edu.

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

CATEGORIES

- Software + Algorithm

IS-2018-155