

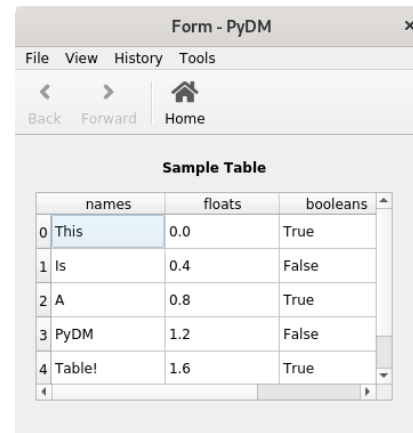
PyDM Development Update

Jesse Bellister
10 October 2023

Several New Releases

New Features

- Better EPICS 7 Support
 - Uses the PVAcess for Python (P4P) module
- Additional Widgets
 - New NTable widget for displaying EPICS 7 table data
 - Enhancements to image widget for displaying NTNDArray data
- Performance Improvements
 - Focus on display launch time
- Usability Enhancements
 - Better tooltips, menu improvements, help files, among many others



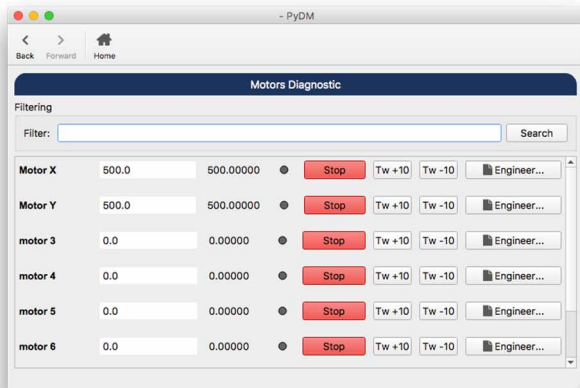
	names	floats	booleans
0	This	0.0	True
1	Is	0.4	False
2	A	0.8	True
3	PyDM	1.2	False
4	Table!	1.6	True

PyDMNTable Widget

Updated Support Materials

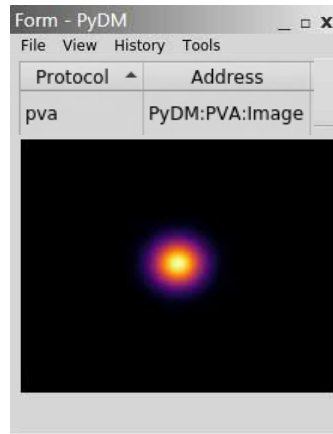
Documentation

- Simpler to read, PyDM specific information has better visibility
- Additional examples for widget use, easier to write python-based displays



Tutorial

- Now uses the same virtual environment that is suitable for development work
- Updated instructions and visuals



What's Next

- Continuing Infrastructure Enhancements
 - PyQt6 Support
 - EPICS 7 RPC Support
- Continuing Performance Enhancements
- Your request goes here!
 - <https://github.com/slaclab/pydm/issues>

