A quick introduction to micro-Python

A micro-controller has all elements of a computer (CPU, storage, I/O) in a single chip. Such a chip is typically programmed in languages like C, C++ and more recently Rust, to make efficient use of its scarce resources. Unlike their bigger cousins used in desktops, micro-controller chips are still getting bigger and faster. A reasonably-priced micro-controller can now run a Python compiler and interpreter with a decent application, all on the chip itself. Like the Arduino has done before, this removed a barrier for programming embedded systems for non-specialists.

In this talk I will introduce micro-Python and show how it can be used to create a simple embedded application using freely available resources.