



noForth website

How to start with the PIO on noForth t

a) Using source code:

What's needed?

- PIO-assembler-v2.f
- PIO-disassembler-v2.f
- PIO assembler docs-v2.pdf
- library overview-v2.pdf

See also the folder: PIO-examples

What to do?

1. Load the PIO-assembler first, then the PIO-disassembler, FREEZE them.
2. The first example to try is: 'Bit toggle-1 (GPIO25).f'
3. All PIO programs will run automatically after loading.
4. Study the 'PIO assembler docs' & the examples in the 'RP2040 datasheet'. The folder 'PIO-examples' contains a lot more PIO-code.
5. Please do not hesitate to ask questions.

b) Using the library:

When you load a PIO program from the library, the PIO environment will also be loaded. You can load the PIO environment explicitly with **NEED PIO**.

See 'library short overview.pdf' for more info.

Example

For a flashing LED at GPIO25 type: **dm 25 need bit-toggle2**

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