
Porting Extension Modules to Python 3

Release 3.9.23

**Guido van Rossum
and the Python development team**

June 03, 2025

**Python Software Foundation
Email: docs@python.org**

Contents

We recommend the following resources for porting extension modules to Python 3:

- The [Migrating C extensions](#) chapter from *Supporting Python 3: An in-depth guide*, a book on moving from Python 2 to Python 3 in general, guides the reader through porting an extension module.
- The [Porting guide](#) from the *py3c* project provides opinionated suggestions with supporting code.
- The [Cython](#) and [CFFI](#) libraries offer abstractions over Python's C API. Extensions generally need to be re-written to use one of them, but the library then handles differences between various Python versions and implementations.