# Cython Reference Guide

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**Note:**

**Todo:** Most of the **boldface** is to be changed to refs or other markup later.

Contents:

CHAPTER 1

# Compilation

**Note:** The sections in this page were moved to the compilation in the userguide.

## 1.1 Compiling from the command line

This section was moved to compiling_command_line.

## 1.2 Compiling with `distutils`

This section was moved to basic_setup.py.

### 1.2.1 Configuring the C-Build

This section was moved to basic_setup.py.

### 1.2.2 Cythonize arguments

This section was moved to cythonize_arguments.

### 1.2.3 Compiler options

This section was moved to compiler_options.

### 1.2.4 Distributing Cython modules

This section was moved to distributing_cython_modules.

## 1.3 Integrating multiple modules

This section was moved to integrating_multiple_modules.

## 1.4 Compiling with `pyximport`

This section was moved to pyximport.

### 1.4.1 Arguments

### 1.4.2 Dependency Handling

### 1.4.3 Limitations

## 1.5 Compiling with `cython.inline`

This section was moved to compiling_with_cython_inline.

## 1.6 Compiling with Sage

This section was moved to compiling_with_sage.

## 1.7 Compiling with a Jupyter Notebook

This section was moved to compiling_notebook.

## 1.8 Compiler directives

This section was moved to compiler-directives.

### 1.8.1 Configurable optimisations

This section was moved to configurable_optimisations.

### 1.8.2 Warnings

This section was moved to warnings.

### 1.8.3 How to set directives

This section was moved to how_to_set_directives.

#### Globally

#### Locally

#### In `setup.py`

CHAPTER 2

# Indices and tables

## 2.1 Special Methods Table

You can find an updated version of the special methods table in special_methods_table.

### 2.1.1 General

### 2.1.2 Rich comparison operators

### 2.1.3 Arithmetic operators

### 2.1.4 Numeric conversions

### 2.1.5 In-place arithmetic operators

### 2.1.6 Sequences and mappings

### 2.1.7 Iterators

### 2.1.8 Buffer interface

### 2.1.9 Descriptor objects

- genindex
- modindex
- search