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# **Cython Reference Guide**

***Release 3.0a0***

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**Note:**

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

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Contents:



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

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### 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`**



## 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

- `__getitem__`
- `__setitem__`
- `__delitem__`