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# **PyCalco Reference Documentation**

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## **WELCOME TO PYCALCO**

This is the top level of the PyCalco's technical documentation tree. This documentation, like the project itself, is very much a work in progress; that is especially true as we work to integrate our many scattered documents into a coherent whole. Please note that improvements to the documentation are welcome; send us a feedback if you want to help out.



## **GETTING STARTED WITH PYCALCO**

These manuals contain overall information about how PyCalco works. The PyCalco community might be quite large, with thousands of developers contributing over the course of a year. As with any large community, knowing how things are done will make the process of getting your changes merged much easier.

### **2.1 Why PyCalco?**

### **2.2 Getting Started**

### **2.3 Basic Concepts**

### **2.4 Expressions Evaluation**

### **2.5 Symbolic Computation**

### **2.6 Screencast and Examples**

### **2.7 Interactive Mode**

### **2.8 Normal Mode**

### **2.9 PyCalco Commands**





## USEFUL UTILITIES AND LIBRARIES

The following manuals are written for users of the TAK Project Index — those who are trying to download and install a given package from a project.

### 3.1 Arithmetic Expression Evaluator

### 3.2 Symbolic Expression Evaluator

### 3.3 Python Builtins

### 3.4 Math Module

### 3.5 SymPy Module



## SUPPORTING PYCALCO

There are several resources and unsorted documents that don't seem to fit on other parts of the documentation body, or may require some adjustments and/or conversion to ReStructured Text format, or are simply too old.

### 4.1 Contributing

### 4.2 Issues & Bugs



## OTHER USEFUL PAGES

### 5.1 BSD 3-Clause License



## INDICES & TABLES

- `genindex`