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# PyCygwin Documentation

*Release 0.1*

**Erik M. Bray**

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Python and Cython wrappers for [Cygwin's C API](#).



# CHAPTER 1

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## Installation

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```
pip install PyCygwin
```

Naturally, this is only installable in Cygwin-provided Python (i.e. where `sys.platform == 'cygwin'`).





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### Usage

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The initial version (v0.1) does not provide a complete cover for the API. It only supports three useful functions:

- `cygwin.cygpath()` – this provides a (partial) equivalent to the `cygpath` system utility, supporting the most useful functionality thereof (that is, converting Cygwin paths to native Windows paths and vice-versa).
- `cygwin.winpid_to_pid()` – converts the native Windows PID of a process to its PID in Cygwin (if it is a Cygwin process).
- `cygwin.pid_to_winpid()` – likewise, converts the PID of a Cygwin process to its native Windows PID.



## CHAPTER 3

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API

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