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See [Why do I get "takes exactly 1 argument \(2 given\)" when trying to call a method?](#) for the opposite problem.

Self is an alias for the type that the impl block is for. The rules of ownership and borrowing apply to self as they apply to any other parameter (see e.g. [this](#)).

This is also relevant for special methods, for example `__enter__` traditionally returns self, so it would be nice to have a way to specify this without needing to even mention it in ...

In Python, every normal method is forced to accept a parameter commonly named self. This is an instance of class - an object. This is how Python methods ...

For a language-agnostic consideration of the design decision, see [What is the advantage of having this/self pointer mandatory explicit?](#). To close debugging questions where OP omitted a ...

Everyone is aware of this in javascript, but there are also instances of self encountered in the wild, such as here [So, what is the difference between this and self in ...](#)

A self join is a join of a table with itself. A common use case is when the table stores entities (records) which have a hierarchical relationship between them.

Are you supposed to use self when referencing a member function in Python (within the same module)? More generally, I was wondering when it is required to use self, not ...

Why is cls sometimes used instead of self as an argument in Python classes? For example: `class Person: def __init__(self, firstname, lastname): self.rstname = firstname self.`

In this case, there are some benefits to allowing this: 1) Methods are just functions that happen defined in a class, and need to be callable either as bound methods with implicit ...

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