
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.

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 ...

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 ...

9 First, Python"s self is not a keyword, it"s a coding convention, the same as Python"s cls. Guido has written a really detailed and valuable article about the origin of Python"s support for class, ...

I think it is setting the id for each list item as each item in the numbers array? Correct me if wrong - but is each id being set as whatever Int is in each entry of the numbers array? If ...

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 ...

A.x is a class variable. B "s self.x is an instance variable. i.e. A "s x is shared between instances. It would be easier to demonstrate the difference with something that can be modified like a list:

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 answer). Examples ...

17 What is self? 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 ...

When self is accessed in a type method (static func or class func), it refers to the actual type (rather than an instance). When self is used this way, it actually returns what in ...

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