Instance Method Objects

- Method Objects

pair: object; instancemethod

An instance method is a wrapper for a `PyCFunction` and the new way to bind a `PyCFunction` to a class object. It replaces the former call `PyMethod_New(func, NULL, class)`.

> This instance of `PyTypeObject` represents the Python instance method type. It is not exposed to Python programs.

> Return true if *o* is an instance method object (has type `PyInstanceMethod_Type`). The parameter must not be `NULL`. This function always succeeds.

> Return a new instance method object, with *func* being any callable object. *func* is the function that will be called when the instance method is called.

> Return the function object associated with the instance method *im*.

> Macro version of `PyInstanceMethod_Function` which avoids error checking.

Method Objects

pair: object; method

Methods are bound function objects. Methods are always bound to an instance of a user-defined class. Unbound methods (methods bound to a class object) are no longer available.

> single: MethodType (in module types)
>
> This instance of `PyTypeObject` represents the Python method type. This is exposed to Python programs as `types.MethodType`.

> Return true if *o* is a method object (has type `PyMethod_Type`). The parameter must not be `NULL`. This function always succeeds.

> Return a new method object, with *func* being any callable object and *self* the instance the method should be bound. *func* is the function that will be called when the method is called. *self* must not be `NULL`.

> Return the function object associated with the method *meth*.

> Macro version of `PyMethod_Function` which avoids error checking.

> Return the instance associated with the method *meth*.

> Macro version of `PyMethod_Self` which avoids error checking.

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