The Method Mapping Table

This method table is a simple array of PyMethodDef structures. That structure looks something like this:

```
struct PyMethodDef {

    char *ml_name;

    PyCFunction ml_meth;

    int ml_flags;

    char *ml_doc;

};
```

Here is the description of the members of this structure:

142.   ml_name: **This is the name of the function as the Python interpreter presents when it is used in Python programs.**

143.   ml_meth: **This must be the address to a function that has any one of the signatures described in previous seection.**

144.   ml_flags: **This tells the interpreter which of the three signatures ml_meth is using.**

- This flag usually has a value of METH_VARARGS.
- This flag can be bitwise OR'ed with METH_KEYWORDS if you want to allow keyword arguments into your function.
- This can also have a value of METH_NOARGS that indicates you do not want to accept any arguments.

145.   ml_doc: **This is the docstring for the function, which could be NULL if you do not feel like writing one.**

This table needs to be terminated with a sentinel that consists of NULL and 0 values for the appropriate members.

Example

For the above-defined function, we have following method mapping table: