

Unused Native Entity (UNE)

Example: Listing 1 shows an unused native class. Developers of MindSpore have constructed a native `METAFUNCGRAPH` class using Pybind11, which has the interface name `METAFUNCGRAPH_` in Python¹. However, this class is not called by Python.

```
1 void RegMetaFuncGraph(const py::module *m) {  
2     // Define python "MetaFuncGraph_" class  
3     (void)py::class_<MetaFuncGraph, std::shared_ptr<MetaFuncGraph>>(*m, "  
4         MetaFuncGraph_")  
5         .def("set_signatures", &MetaFuncGraph::set_signatures, "Set primitive inputs  
        signature.");  
6 }
```

Listing 1. Design Smell - Unused Native Entity

¹https://github.com/mindspore-ai/mindspore/blob/v1.10.1/mindspore/ccsrc/pybind_api/ir/func_graph_py.cc[71-75]