Object Serialization

Object Oriented Programming Project in ZJU.

Compile and Run

Using commands in terminal to construct:

```
mkdir build
cd build
cmake ..
make
cd ..
```

To make things easy, I provided a shell **test.sh**. We can simply use the command `./test.sh` to construct.

After that, using commands in terminal to run:

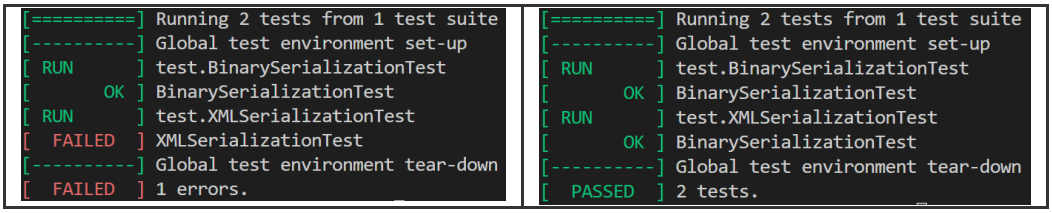
```
mkdir test
rm -f test/*
cd bin
./test.out
```

Test

All test results will be generated in directory `./bin/test_all.txt`. Some Intermediate results will be generated in directory `./test/*`.

> *Note: Intermediate results of XML serialization are deleted in the process of XML deserialization. If you want to see the intermediate results, you can comment the part of XML deserialization.*

Using commands `./bin/test.out` to check whether all object can be serialization / deserialization correctly.



Functions

- ☑ 🎉 Supported binary serialization/deserialization from a std type and user defined type
- ☑ 🏵️ Supported binary serialization/deserialization from smart pointers
- ☑ 🏁 Supported XML serialization/deserialization from a std type and user defined type
- ☑ 🤺 Supported XML serialization/deserialization from smart pointers

Bugs

Due to some bugs in `tinyxml2`, so there might be some bugs in XML serialization.

Address

Project address : My Github