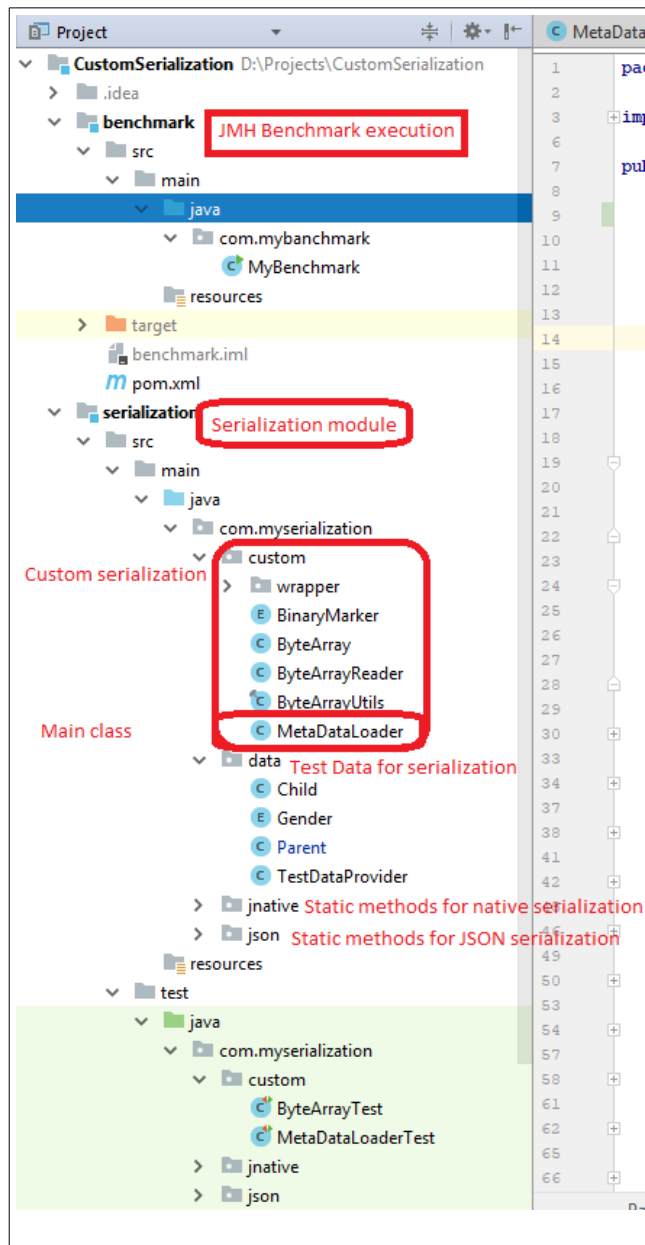


Project structure



In Scope of custom serialization

User Objects with :

- default constructor required
- primitive fields
- Boxed types of primitive(Integer)
- Objects
- Collections
- Maps
- Arrays
- LocalDate

Out of Scope

- Cyclic dependencies between serialized objects
- Object with non-default constructor

PS

Serialization algorithm

Each entry (class, fields, types...) of Object is marked with pre-defined values

```
MYPROTOCOL((byte) 0x77),
CLASS_START((byte) 0x10),
CLASS_END((byte) 0x11),
FIELD_START((byte) 0x2),
FIELD_END((byte) 0x22),
TYPE_PRIMITIVE((byte) 0x3),
TYPE_CLASS((byte) 0x4),
TYPE_ARRAY((byte) 0x5),
TYPE_COLLECTION((byte) 0x7),
TYPE_ENUM((byte) 0x8),
TYPE_NULL((byte) 0x9);
```

✱20-com.mein.data.Parent-3-age-3-int-30-4-name-16-java.lang.String-ParentName1

Each entry consists of length + description/value, where length is count in byte of description/value.