

## PROJECT SUMMERY

# OR Framework For C++

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### Introduction

Object Relation Framewrok for C++ is like hibernate library in Java . We can map C++ classs with relational database tables using include header file sessionfactory.h in the C++ program. By the help of this framework we can achieve both static and dynamic mapping.For static mapping we have to define XML file for every Class of C++. One XML file would be details of MySql database configuration.

The mapping could be one to one , one to many , many to one and many to many among the relational database table.We can also achieve inheritance mapping through this library. This framework can also work for defining all the constriants like forign key , primary key , notnull , default and unique key constraints. The CURD operation are also achieved by this framework.

For all the above achievement this OR Framework converts the class object into rows and rows into class object. So if you want to insert row in the table then you have to create object of the class and if you want retrieve rows from the table then you will get rows in the form of class object. So you can directly access the value of all attribute of the table through class object.

This framework is very easy to use and it follows all the rules of MySql as you define in XML file.