Atitit sql条件表达式的解析

// where 分析  
plainSelect.getWhere()

// where 只有两种情况，一种就是简单的a = b，另外就是 a = b or ... and， 这种就是AndExpression  
if (where instanceof EqualsTo) {  
EqualsTo equalsTo = (EqualsTo) expression;  
Expression rightExpression = equalsTo.getRightExpression();  
Expression leftExpression = equalsTo.getLeftExpression();  
if (rightExpression instanceof Column && leftExpression instanceof Column) {  
Column rightColumn = (Column) rightExpression;  
Column leftColumn = (Column) leftExpression;  
System.out.println(tableMap.get(rightColumn.getTable().toString()) + "表的" +rightColumn.getColumnName() + "字段 -> "+ tableMap.get(leftColumn.getTable().toString()) + "表的" + leftColumn.getColumnName() + "字段");  
}  
}else if(where instanceof AndExpression){  
AndExpression andExpression = (AndExpression) expression;  
Expression leftExpression = andExpression.getLeftExpression();  
doExpression(leftExpression);  
Expression rightExpression = andExpression.getRightExpression();  
doExpression(rightExpression);  
}

**package** sql;

**import** net.sf.jsqlparser.JSQLParserException;

**import** net.sf.jsqlparser.expression.Expression;

**import** net.sf.jsqlparser.expression.operators.relational.EqualsTo;

**import** net.sf.jsqlparser.parser.CCJSqlParserUtil;

**import** net.sf.jsqlparser.statement.Statement;

**import** net.sf.jsqlparser.statement.select.PlainSelect;

**import** net.sf.jsqlparser.statement.select.Select;

**import** net.sf.jsqlparser.statement.select.SelectBody;

**public** **class** SqlParserUtil {

**public** **static** **void** main(String[] args) **throws** JSQLParserException {

// **TODO** Auto-generated method stub

String sql = "SELECT \* FROM TABLE1 where col1=5";

Statement statement = CCJSqlParserUtil.*parse*(sql);

Select select = (Select) statement;

SelectBody selectBody = select.getSelectBody();

PlainSelect plainSelect = (PlainSelect) selectBody;

// where 分析

Expression Expression\_where = plainSelect.getWhere();

**if** (Expression\_where **instanceof** EqualsTo) {

EqualsTo equalsTo = (EqualsTo) Expression\_where;

Expression leftExpression = equalsTo.getLeftExpression();

Expression rightExpression = equalsTo.getRightExpression();

}

}

}