Atitit if else模块的解析实现

D:\0wkspc\platform-top-run-coffey\platform-top-service\platform-top-service-finance\src\main\java\org\chwin\firefighting\apiserver\apcl\apclAstBuilder.java

private void getStatmentListAst() {  
 try {  
 while(true){  
 cur\_token=null;  
 cursor++;  
  
 cur\_token = tokenList.get(cursor);  
  
 log.info("now processing token:" + String.*valueOf*(cur\_token));  
 switch (cur\_token.image) {  
 case "{":  
 leftBracket\_case();  
 break;  
 case "}":  
 ritBracket\_case();  
 break;  
 case ";":  
 semiColon\_cash();  
 break;  
 default:  
 Normalchar\_case();  
 break;  
 }  
 }  
  
 } ca

// last is Function,or the normal Stringvalue Expression  
private void leftBracket\_case() {  
 String obj\_last = (String) stack.pop(); //if fun if a>1  
 // if (obj instanceof StringValue) {  
 if (obj\_last.trim().startsWith("if")) {  
 // Function f = SqlUtil  
 SQLIfStatement ifstt = new SQLIfStatement();  
 SQLExpr cond = SqlUtil.*getCond*(obj\_last);  
 ifstt.setCondition(cond);  
 stack.push(ifstt);  
 SQLStatement\_list.add(ifstt);  
 curStat = "ifBlockStart";  
  
  
 } else if (obj\_last.trim().equals("else")) {  
 SQLIfStatement ifstt = (SQLIfStatement) stack.pop();  
 SQLIfStatement.Else elseItem = new SQLIfStatement.Else();  
 ifstt.setElseItem(elseItem);  
 stack.push(ifstt);  
 stack.push(elseItem);  
 // SQLIfStatement.Else elseBlock= ifstt.getElseItem();  
  
 curStat = "elseModeStart";  
  
 }  
  
  
}  
  
  
private void semiColon\_cash() {  
 Object obj = stack.pop(); //must stt string..  
 SQLStatement SQLStatement1 = AqlUtil.*parseToSQLStatement*(obj.toString());  
 // Function f = (Function) stack.pop();  
 // f.getParameters().getExpressions().add(obj);  
 stack.push(SQLStatement1);  
 SQLStatement\_list.add(SQLStatement1);  
 // return getStatmentListAst();  
}  
  
// s = "fun(fun1(),b)";  
private void ritBracket\_case() {  
  
 if (curStat.equals("ifBlockStart")) {  
 String stts = (String) stack.pop(); //pop cur sub function ,or sub str exp  
 SQLIfStatement SQLIfStatement1 = (SQLIfStatement) stack.pop();  
 List<SQLStatement> li = SqlUtil.*getLI\_SQLStatement\_ifBlock*(stts);  
  
 li.forEach(new Consumer<SQLStatement>() {  
 @Override  
 public void accept(SQLStatement sqlStatement) {  
 SQLIfStatement1.addStatement(sqlStatement);  
 }  
 });  
 stack.push(SQLIfStatement1);  
 curStat = "ifBlockEnd";  
 }  
  
 if (curStat.equals("elseModeStart")) {  
 String stts = (String) stack.pop(); //pop cur sub function ,or sub str exp  
 SQLIfStatement.Else elseBlock = ( SQLIfStatement.Else) stack.pop();  
 List<SQLStatement> li = SqlUtil.*getLI\_SQLStatement\_ifBlock*(stts);  
  
 elseBlock.setStatements(li);  
 // SQLIfStatement1.getElseItem().setStatements(li);  
 curStat = "elseEnd";  
 // SQLStatement\_list.add(SQLIfStatement1);  
  
 }