

## Dbhelp 对数据库增删该查封装

```
package com.haohua.util;

import java.sql.SQLException;

import org.apache.commons.dbutils.QueryRunner;
import org.apache.commons.dbutils.ResultSetHandler;
import org.slf4j.Logger;
import org.slf4j.LoggerFactory;

import com.haohua.Exception.DBAccessException;

public class Dbhelp {
    private static Logger logger = LoggerFactory.getLogger(Dbhelp.class);
    private static QueryRunner runner = new QueryRunner(ConnctionManager.getDataSource());

    public static <T> T Query(String sql, ResultSetHandler<T> rsh, Object... params) {
        T t = null;
        try {
            t = runner.query(sql, rsh, params);
        } catch (SQLException e) {
            logger.info(sql);
            e.printStackTrace();
            throw new DBAccessException("数据库访问异常");
        }
        return t;
    }

    public static void update(String sql, Object... params) {
        try {
            runner.update(sql, params);
        } catch (SQLException e) {
            logger.info(sql);
            e.printStackTrace();
            throw new DBAccessException("数据库访问异常");
        }
    }

    public static<T> T insert(String sql,ResultSetHandler<T> rsh,Object...params) {

        T t = null;
        try {
            t = runner.insert(sql, rsh, params);
        } catch (SQLException e) {
            logger.info(sql);
            e.printStackTrace();
            throw new DBAccessException("数据库访问异常");
        }
        return t;
    }
}
```

}

}