

Java - SampleProject/src/de.uni_potsdam/hpi/SampleQueryClass.java - Eclipse

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Package Explorer

SampleProject
src
de.uni_potsdam.hpi
DbQuery.java
SampleQueryClass.java
Settings.java
JRE System Library [JavaSE-1.7]

Context

Store1_Report2013

Store2_Report2013

Generated_Test

Store1_Forecast2014

SampleQueryClass.java

Settings.java

DbQuery.java

```
public class SampleQueryClass extends DbQuery{  
    protected List<String> showMostSoldProducts(Integer year){  
        List<String> result = this.execute(  
            "SELECT product, sum(value) AS value FROM" +  
            "orders JOIN products ON orders.pid = products.pid" +  
            "WHERE year=%d AND company=%s GROUP BY product",  
            year, Settings.company);  
        if(result.size() == 0){  
            throw new RuntimeException("no values fetched");  
        }else  
            return result;  
    }  
}
```

Live-SQL (orders: 8 billion tuples fetched in 5.8 s)

pid	company	amount	year
324854	Foobar Inc.	425	2013
976654	HPI Ltd.	250	2013
234578	UP-Ventures	3000	2013

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