

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

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");
}
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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