
Question

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How to fill fact table in DeepSee via JDBC

Hi all.

I have some problem with getting data from external source (PostgreSQL) via JDBC and load it in DeepSee and I resolved some problems while writing this question :)

So..Below I proved my steps of working:

1. Created SQL Gateway Connection
2. Created class for loading data via JDBC

```
S Connection=##class(%Library.SQLGatewayConnection).%New()  
S sc=Connection.Connect("jdbcurl","user","pass",0)  
If $$$ISERR(sc) do $System.Status.DisplayError(sc) quit  
S sc=Connection.AllocateStatement(.Statment)  
S query="SELECT * FROM students"  
S sc=Connection.Prepare(Statment,query)  
S sc=Connection.Execute(Statment)  
//Getting result set
```

1. In 2 line I got exception (not saved it) and I exclusive this option
3. Next I Created projections via SQL wizard and now all tables stored in Cache and I get needed data via `##class(%ResultSet.SQL).%Prepare()`
4. After that I create model (StudentRating) in sequence by result set
5. Manually in Architect rebuild fact table
6. Next if need to update information I clear data from StudentRating by method `%KillExtent()` and repeat 3 and 4 points.

What I want to change in current situation?

1) Get needed information by JDBC without projections (If I understand correctly it's not recommended option <https://docs.intersystems.com/latest/csp/docbook/DocBook.UI.Page.cls?KEY...>)

2) Auto-rebuild fact table (2-3 times in day)

Please advise me how to resolve 1 and 2 point or suggest best practices for my question.

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Source URL: <https://community.intersystems.com/post/how-fill-fact-table-deepsee-jdbc>