<u>Information Flow In Jasper</u>

The framework calls the createService(ReportDataSource reportDataSource) and passes the parameters that the user entered while creating the custom DataSource

CustomDelegatedDataSourceServiceFactory createService(ReportDataSource reportDataSource)

The DataSourceServiceFactory creates an instance of ReportDataSourceService with the user entered parameters

ReportDataSourceService

The framework calls the

setReportParameterValues(Map paramMap) on the *ReportDataSourceService*. Fill the necessary parameters in the Map that needs to be picked up by the *QueryExecuterFactory*.

The framework collects the data set by the ReportDataSourceService and calls the *createQueryExecuter()* on the *QueryExecuterFactory*, with the necassary data.

QueryExecuterFactory createQueryExecuter()

Report parameters from user

JRQueryExecuter

The query executor is responsible for finally gathering all the data needed for the report and passing it on to the JRXML template