XML file format specification for report engine

Conventions:

* means zero or more elements
+ means one or more elements
1 exactly one element
? one or none element

1. XML datasource

XML node	Description	Elements	Attributes
report-data-set	A report set is a collection of several report data, root of xml datasource.	jfo:report-data (*)	none
report-data	A report data is a set of report values and a collection of report-tables. It holds all information for one report.	jfo:report-value (+) jfo:report-table (*)	**id** ID of this data (not required)
report-value	Value of field or table-cell in a report.	none	**name** Name of field (RTF Fill in field) **value** Value of field
report-table	A report table has a list of report-table-rows.	jfo:report-row (*)	none
report-table-row	A table row holds an unordered set of table-cell-values.	jfo:report-value (*)	none

DTD: report-data-set.dtd

2. Descriptor for data set from a database

XML node	Description	Elements	Attributes
db-report-data-set	This is the root for the descriptor.	db-connection (?) db-selection (1) db-report-table (*)	none
db-connection	Defines informations for connecting to the underlying database.	none	**url** URL of database **user** User **password** Password
db-selection	Defines a selection from the database. Therefore you have to include a sql-query as child and optional column mappings.	sql-query (1) column-alias (*)	none
sql-query	Contains the SQL query as PCDATA with parameters. Parameters are enclosed in $. Example for content: SELECT * FROM table WHERE id>**min_id**	PCDATA (SQL query)	none
column-alias	Objects of a column are registered under the name of the column. If your report template uses another keyword/name for this column you can define an alias for it.	none	**column** Name of column **alias** Alias of column
db-report-table	This node introduces a selection for a table.	db-selection (1)	none

DTD: db-report-data-set.dtd