Didier!. I looked at your code. It seemed to me that you're too complicated. Of course there may be problems which need such a decision.

I set the goal for their generators are somewhat different:
- Transparency and simplicity of the client code,
- Transparency and understandability document template,
- NOT a universal code for different types of reports
(the scheme and the availability of data groups and totals should be set in the client code, but not in the template)

It is necessary for very simple printed forms (documents, calculations, etc.)

I think that for a little more complex forms of documents, this scheme is not suitable.

I think that the QTF format is not designed for storing various information such as schema report, and it would be better to make some QTR format in which to store templates of the report, data schemas and calculation schemes.

To implement the format QTR (in contrast to the QTF) need a template editor and editor of data schemas. This is a problem. May need to take a closer look in the direction RichPara.

As for my version, the next step I plan to make a store QTF templates in SQL database, and a set of controls for easy embedding in the application of a simple reports system.