

In the thesis we study automatic generation of logging database triggers. As the result an application called Database Logger for logging triggers management was developed. The application allows DML events logging (insert, update, delete) including column update triggers. Current version supports two database platforms: Oracle and PostgreSQL. The log format preserves the maximum of information value and brings the possibility of easy querying. Users can also create historical tables to produce historical data views. Application supports log and historical table querying and their export into XML.