

endurox-go - Feature #496

Implement reference PostgreSQL driver with XA two phase commit support

12/23/2019 12:42 AM - Madars

Status:	New	Start date:	12/23/2019
Priority:	Normal (Code 4)	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Driver like:			
- github.com/lib/pq — pure Go Postgres driver for database/sql. For a long time, this driver was the standard by default. Currently, it has lost its relevance and is not developed by its author.			
or			
- github.com/jackc/pgx — PostgreSQL driver and toolkit for Go. Today this tool is a better choice.			
shall be branched and patched for support for XA transactions.			
The principle of work could be following:			
- Enduro/X Go ATMI Context shall be appended with database connection object, and have some function to SetConn()			
- Basic XA switch could be implemented in endurox-go, this would perform the calls to SetConn() object. The Connection shall provide some xa end-points, like prepare, rollback, commit, etc...			
- We need a C driver to resolve this switch			
- We need to implement the the interface in Go PQ driver to provide the XA functions.			