

Date: Thursday 27 October

Time: 14:00-15:00 CEST, 13:00-14:00 BST

Present: René, Rickard, Roland

Absent with notification: Yuri, Nick

Minutes: Roland

1. Agree on the agenda

We stick to the proposed agenda

2. Action points

Roland has arranged funding for René

3. State of development

René has been working on the database integration. He has created a module called dbixtdb which is similar to an already existing module called xmlextdb. Instead of storing protocolbuffer data in files this module stores to the database. Currently, the code works document based and loads all data into memory, René is changing this to be more efficient so it only loads the data it needs. He has also created some extensions that allows specification of SQL datatypes for fields and naming table columns explicitly for data fields. There are functions to create and drop tables, to create rows, to read back rows and to delete rows. Required messages are mapped to "non-NULL" fields in the database.

René has also spent time on writing good test cases so we can validate that it works correctly with different types of database backends (e.g. MySQL, SQLite, PostgreSQL, etc.). He plans to extend the tests with some corner case tests (e.g. handling of NULL values).

To be done for database integration are: recursive table creation for nested datatypes. Once the DB code is completed, the current file-based code needs to be replaced by this.

Yuri was unable to attend the meeting due to a scheduling conflict but sent us the following update by mail:

The second alpha version that was released does not play ball with the signer yet, so that is something he is looking into. He did a test with 50K zones and was happy with the results (quick reloading of zonelist and processing times). There are some issues with having enough keys available for enforcing when importing that many zones. He's also found some bugs w.r.t. the protocol buffers which he has discussed with René. Also, sometimes, no future updates to zones are required and thus no next task gets scheduled (correct behaviour), but when a user intervenes and changes are required, the zone does not get rescheduled (incorrect behaviour).

4. Testing

Nick has created testscripts that will check whether the enforcer outputs correct signconf files. Rickard has done some tests with the current alpha and has reported some crashes to René and Yuri. They will investigate the issues. We have not received any feedback from the community yet. We should discuss this in Stockholm.

5. AOB

No other business

6. Next meeting

Thursday November 17th at 14:00h CET

Action points

- **Action point 1** - Yuri should investigate transitioning from an "old" enforcer to the Enforcer NG - how is state going to have to be transformed? Please suggest agenda points for Stockholm w.r.t. this to Rickard.