

SRS Client

Future direction of SRS client

Current Client

- Tested on 5 different distros in 32 bit and 64 bit
- Requires a dedicated test/build box
- Difficult Crypt::OpenPGP dependencies
- Poor error reporting
- Not thread safe
- PGP key management is tricky

Major Dependencies

- Crypt::OpenPGP
- XML::LibXML (libxml2)
- XML::LibXSLT (libxslt)

Usage

- 21 registrars have indicated they use the RIK client
- At least 14 registrars have used the RIK over the past 12 months
- 28 registrars rate the RIK as 4/5 importance
- 1 registrar has used the sendJSON client
- Most usage of the RIK is limited to 5 registrars
- There are 7 registrars who make the bulk of their requests through the RIK client
- There is only 1 registrar using FreeBSD

Future Client

- Offer the client on Github for greater collaboration
- Offer the client in a prebuilt downloadable virtual machine
- Build the client and VM using Ansible
- Setup key wizard in the VM on start
- Better error reporting
- Move away from Crypt::OpenPGP perhaps to GPGMe or a CLI interface