

NZ SRS Registrar Kit Installation guide

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Installation

Installing the RIK requires two tarballs - one for the RIK itself, and one containing the 'CPAN libs'. The second tarball is compiled for particular OS/architecture combinations. Please see the NZRS website for a list of supported platforms.

To install the RIK, follow the these steps:

1. Create a directory, e.g. "mkdir srsrik"
2. Copy the two tarballs into the 'srsrik' directory
3. Untar, e.g. tar -xzf *.tar.gz
4. You should now be able to run the command line tools, e.g.

```
srsrik/release-x-x/sendXML.sh  
srsrik/release-x-x/SRSClient.sh
```

(Replace 'release-x-x' with the version number of the RIK, e.g 'release-5-7' for RIK version 5.7).

Notes

- The above commands assume you have GNU tar installed, and in your path. This should be the case for the majority of Linux systems.
- If your system doesn't support the 'tar' command above, see your system's documentation for instructions on how to extract the tarballs.
- These steps will allow the command line tools to be run, however they will require further configuration (e.g. setting up GPG keys).
- Please see the documentation for the command line tools (docs/ dir in the RIK) and the FAQ page on the NZRS website.
- This installation process requires the '.sh' version of the command line tools to be run, rather than the programs themselves (without the '.sh').

Alternative Installation

The above is a standalone, simple approach to installing the RIK. It should work on any supported platforms, and is the recommended approach. However, should your platform not be supported, or you would prefer to manage perl and the CPAN libraries yourself, the following installation instructions can be used. Note, however, this approach is NOT supported.

1. Ensure you have perl 5.10.0 or later installed and available in the system path. (This can be verified by running 'perl -v')
2. Download and install the following CPAN modules, and any necessary dependencies:
 - LWP
 - Crypt::OpenPGP

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- Date::Calc
 - Devel::StackTrace
 - Date::Parse
 - Time::Timezone
 - Sys::Syslog
 - List::MoreUtils
 - XML::SAX
 - Math::BigInt::Pari
3. Obtain the RIK tarball, and untar into a directory (e.g. 'srsrik')
 4. Set the PERL5LIB environment variable to 'srsrik/release-x-x/lib/perl5' (this should be changed to an absolute path).
 5. You should now be able to run the command line tools *without* the .sh wrappers, e.g:

```
srsrik/release-x-x/sendXML  
srsrik/release-x-x/SRSClient
```

As noted above, further configuration of the command line tools will be required. Please consult the relevant documentation.