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Open Source Projects

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Here are the few Open Source projects I have been working (playing!) on in the past few years.

System Monitoring

- [Sarmon](#) [1]: nmon for Solaris
- [Win32APIProxy](#) [2]: Nagios plugin. It uses an agent-less approach to monitor remotely Windows OS devices

Database Utilities

- [MySQL Data Compare](#) [3]: compare a MySQL master schema with 1 or more slave schemas

API Management

- [Custom Assertions](#) [4] for CA Layer7 API Gateway
 - [No Duplicate JSON Name](#) [5] custom assertion
 - [String Simple Transform](#) [6] custom assertion
- [JSON / XML converter](#) [7] based on the JSON schema included in swagger / OpenAPI 3 (available on Maven [here](#) [8])

Kibana

- [Custom visualization plugin](#) [9] for creating adhoc form to set filter. It follows v8 new plugin development framework based on React EUI. The Git repository also includes a tutorial how to get started coding Kibana plugins

Firefox Search Engines (Add-ons)

- [XMLLitré](#) [10]: to search the old and famous Emile Littré French encyclopedia
- [Wikipedia \(fr\)](#) [11]: to search the French language area of Wikipedia

Web Application Libraries and Utilities

- [EAR Search](#) [12]: to search any text pattern inside an EAR file
- [Simple Circuit Breaker](#) [13]: fully featured circuit breaker similar to Resilience4j, implemented for JAVA 7 or higher
- Context Root QoS: to setup Apache Web Server (or IBM HTTP Server) to guaranty threads to multiple web applications [coming soon]

Network Utilities

- JAVA GUI for network traffic summary [coming soon]
- Simple JAVA compressed tunnel [coming soon]

Arduino

- [Weather Station](#) [14] with tons of sensors



Source URL: <http://geckotechnology.com/node/19>

Links:

- [1] <http://www.geckotechnology.com/sarmon>
- [2] <http://www.geckotechnology.com/Win32APIProxy>
- [3] <https://github.com/guyplusplus/MySQL-Data-Compare>
- [4] <https://github.com/guyplusplus/Community-CALayer7-CustomAssertions>
- [5] <https://github.com/guyplusplus/No-Duplicate-JSON-Name-Custom-Assertion>
- [6] <https://github.com/guyplusplus/String-Simple-Transform-Custom-Assertion>
- [7] <https://github.com/guyplusplus/JSON-XML-Converter-via-OpenAPI-Schema>
- [8] <https://mvnrepository.com/artifact/com.geckotechnology/xmljsonconvert>
- [9] <https://github.com/guyplusplus/Kibana-Plugin-Custom-Form-Filter-Visualization>
- [10] <https://addons.mozilla.org/en-US/firefox/addon/xmlitr%C3%A9/>
- [11] <https://addons.mozilla.org/en-US/firefox/addon/wikipedia-fr/>
- [12] <http://geckotechnology.com/EARSearch>
- [13] <https://github.com/guyplusplus/Simple-Circuit-Breaker>
- [14] https://github.com/guyplusplus/Another_Weather_Station