# System Service Request

Our project will sequentially scan a given piece of software with FOSSology and Ninka and combine their output into a single SPDX document. In order to do this we will need the following tools.

## Minimal Required Development Environment

* A Linux based computer or virtual machine
  + If developers use independent systems, the Linux distribution should be standardized
* Apache 2.x
* MySQL
* Postgres 8.3 or higher
* PHP 5
* Perl with cpan and the Text::Template module
* FOSSology
* Ninka

## Optimal Development Environment

A dedicated development server shared by all developers will save time and resources and prevent “overlap” issues. A dedicated server will also enable us to test our tool as a remotely accessible web application should we reach that point. The server will function as both a web server and a database to simplify collaboration on a single system.

The dedicated system should meet the minimal requirements above, but ideally will have sufficient processing power, memory, and disk storage to emulate real-world scale use of FOSSology, Ninka, and our tool.

It is a possible compromise to use a minimal or less-powerful system at the beginning of the project, then upgrade or move to more powerful hardware when the document generator portion of the tool is ready for full-scale testing.