Use Cases

Tool usage:

Download executable for command line use.

       Main actor: Command line user.

       Initial condition: User in command line with scope to project and package to be scanned.

       Steps: Run command as follows "python do_spdx --[package] --[output directory]".

       Final condition: Prompts user with successful creation of SPDX document.

Download source file for use in a project.

       Main actor: Developer who wishes to embed do_spdx in their project.

       Initial condition: Source file available to project scope.

       Steps:

```
import do_spdx
my_spdx = DoSpdx(tar_file, outfile)
complete = my_spdx.do_spdx()
if (completed) //continue
```

       Final condition: SPDX generated for the provided package in the provided directory.

Installation:

For use on command line:

       Main actor: Command line user.

       Initial condition: On a system with access to the internet for download.

       Steps: Download executable file and place in accessible directory.

       Final condition: User is able to run function from command line.

For use in project:

       Main actor: Command line user.

       Initial condition: On a system with access to internet for download.

       Steps: Download source files and place in directory where the project has scope.

       Final condition: User is able to create a DoSpdx() object in project and run scan.