# Use cases

## System administrator installs FOSSology-Ninka

1. **Title:** System administrator installs FOSSology-Ninka
2. **Primary Actor:** System administrator on behalf of users who generate SPDX documents
3. **Goal in Context:** To speed the determination of SPDX data by comparing the output of multiple automatic software license scanners
4. **Stakeholders and Interests:**
   1. **System administrators:**
      1. To provide users with the tools they need for their tasks
      2. To ensure the availability and responsiveness of user applicatoins
   2. **Scanning users:** To speed the determination of SPDX data by comparing the output of multiple automatic software license scanners
5. **Preconditions:**
   1. Installation of FOSSology and Ninka with appropriate system resources to run them serially
   2. Installation of FOSSology-Ninka infrastructure components (e.g., Python interpreter)
6. **Main Success Scenario:**
   1. FOSSology-Ninka can successfully locate and execute FOSSology and Ninka
   2. FOSSology-Ninka is executable by authorized users
7. **Failed End Condition:**
   1. System administrator cannot determine how to configure FOSSology-Ninka to access its dependent systems (FOSSology, Ninka, Python, etc.)
   2. FOSSology-Ninka is not executable by authorized users
8. **Trigger:** User request for installation
9. **Notes:** This use case assumes that system administrators possess the requisite knowledge to install and configure FOSSology, Ninka, and Python for standalone operation (i.e., to function as expected in use cases other than FOSSology-Ninka).

## User scans package with FOSSology-Ninka through command line with output to the local file system

1. **Title:** User scans package with FOSSology-Ninka through command line with output to the local file system
2. **Primary Actor:** Users who generate SPDX documents
3. **Goal in Context:** To speed the determination of SPDX data by comparing the output of multiple automatic software license scanners
4. **Stakeholders and Interests:**
   1. **Scanning users:**
      1. To communicate the licensing information for their copyrightable artifacts, including all copyrightable artifacts they contain
      2. To speed the determination of SPDX data by comparing the output of multiple automatic software license scanners
   2. **Consumers of files and packages:**
      1. To receive accurate and clear information of licensing of artifacts
      2. To be able to comply easily with licenses for artifacts
      3. To be able to trust that the package SPDX data is in alignment with license assertions
5. **Preconditions:**
   1. **TODO**
6. **Main Success Scenario: TODO**
7. **Failed End Condition: TODO**
8. **Trigger: TODO**
9. **Notes: TODO**
10. **Example:** **Optional**

## User scans package with FOSSology-Ninka through command line with output to an instance of the SPDX Dashboard web application

1. **Title:** User scans package with FOSSology-Ninka through command line with output to an instance of the SPDX Dashboard web application
2. **Primary Actor:** Users who generate SPDX documents
3. **Goal in Context:** To speed the determination of SPDX data by comparing the output of multiple automatic software license scanners
4. **Stakeholders and Interests:**
   1. **Scanning users:**
      1. To communicate the licensing information for their copyrightable artifacts, including all copyrightable artifacts they contain
      2. To speed the determination of SPDX data by comparing the output of multiple automatic software license scanners
   2. **Dashboard users:**
      1. **TODO**
   3. **Consumers of files and packages:**
      1. To receive accurate and clear information of licensing of artifacts
      2. To be able to comply easily with licenses for artifacts
      3. To be able to trust that the package SPDX data is in alignment with license assertions
5. **Preconditions:**
   1. **TODO**
6. **Main Success Scenario: TODO**
7. **Failed End Condition: TODO**
8. **Trigger: TODO**
9. **Notes: TODO**
10. **Example:** **Optional**

# Changelog

**TODO**