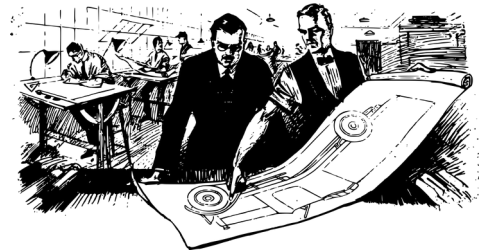# Sphinx-Needs

A Sphinx Extension

Overview

Sphinx-Needs allows the definition, filtering and presentation of objects in Sphinx based documentations. Its main use case is the traceability handling of requirements, specifications and test cases in software development projects.

Maintainer: Daniel Woste (useblocks GmbH)
Documentation: https://sphinxcontrib-needs.readthedocs.io
Source code: https://github.com/useblocks/sphinxcontrib-needs (License: MIT)

User base & numbers (date 17.1.2020)

Sphinx-Needs target user base are large development teams in process-driven companies. By nature their projects are closed-source and not reachable for further analysis. So the following numbers may not cover the complete situation.

git & github numbers

Created: **30.11.2016**	Commits: **278**
Contributors: **4** (3 not from useblocks)	Pull Requests: **0/13** (open/closed)
Issues: **17 / 83** (open /closed)	github Stars: **25**

project numbers

Open source projects: **16**	Closed source projects: **~10** (pers. known)
Open source customers: **6**	Closed source customers: **~3**
Biggest open source project: **ONAP** Source: https://github.com/onap	Biggest closed source project: **Automotive OEM** (Germany)
Use case: Single line requirement documentation (~20.000 requirements)	Use case: ISO 26262 compliant documentations for common tool-development process and CI tools.

pypi – Python Package Index

Releases overall: **~60**	Downloads per day: **~39**
Last release: **0.4.3** (5.12.2019)	Downloads per week: **~261**
Last release: URL	Downloads per month: **~821**
Download stats: https://pypistats.org/packages/sphinxcontrib-needs	

Competitors

Name	Last release	Downloads (d,m,y)
mlx.traceability	28.12.1019	7, 32, 498
sphinxcontrib-requirements	2011	5, 11, 78