

The background features a light gray grid with various colored nodes (blue, green, orange, brown) and connecting lines. A prominent green curved shape is visible on the right side, and a blue horizontal line runs across the bottom of the grid area.

OSCAL Roadmap

From strategy to vision

Community Engagement

An abstract graphic featuring a complex network of interconnected nodes and lines in shades of blue, green, and orange, set against a dark blue background. The nodes are represented by small circles, and the lines are thin, creating a web-like structure that suggests connectivity and data flow.

Community Engagement Approach



Transparency

All the work we do is done in the open on GitHub.com.

- Issues & Bug reports
- Code & Pull Requests
- Supporting documentation

Provides Visibility



Empowerment

As an OSCAL community member you can participate in a way that works for you and your organization.

- Provide feedback
- Participate in development

Enables Participation



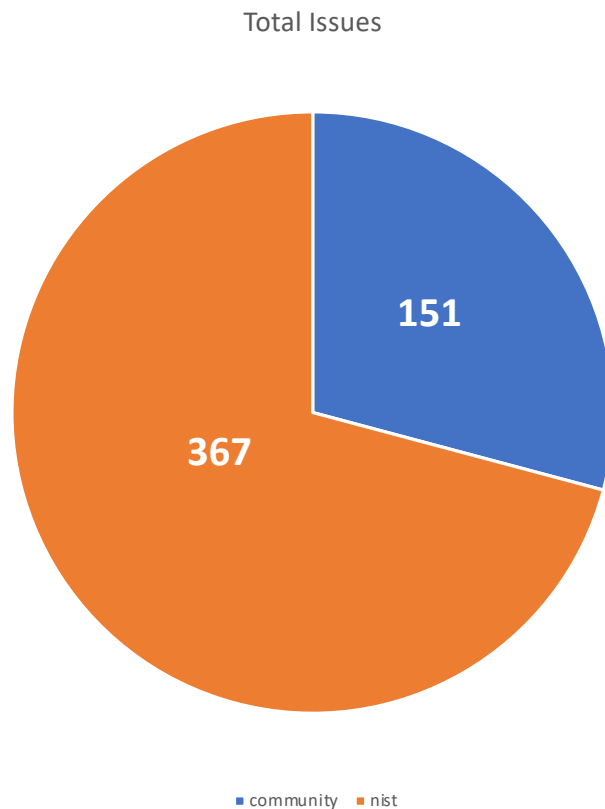
Consensus

We are committed to developing OSCAL through a consensus-driven approach.

- Identify & adjust priorities
- Share and refine ideas
- Develop solutions

Ensures Alignment

OSCAL GitHub Issues by the Numbers



30% of GitHub issues have been created by the OSCAL community.

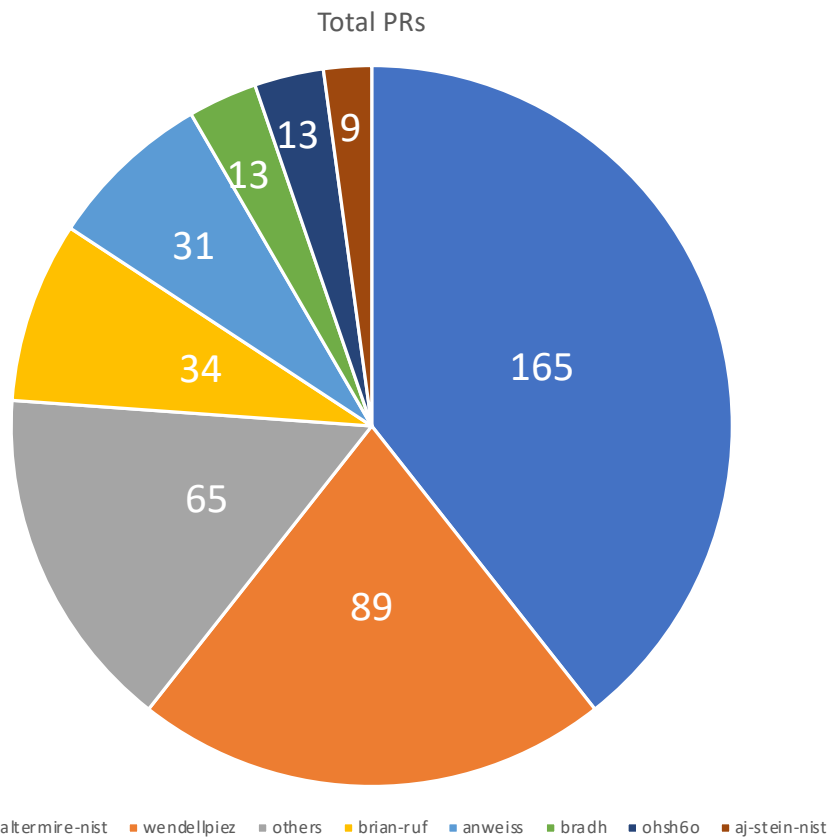
49 unique community members posted these issues.

75% of community created issues have been closed.

77% of issues overall have been closed.

Source: <https://github.com/usnistgov/OSCAL/issues>

GitHub Pull Requests by the Numbers



24% of GitHub pull requests have been created by the OSCAL community.

22 unique community members created these pull requests.

96% of community created pull requests have been resolved.

98% of pull requests overall have been resolved.

Source: <https://github.com/usnistgov/OSCAL/pulls>



Thank you to all of our contributors!

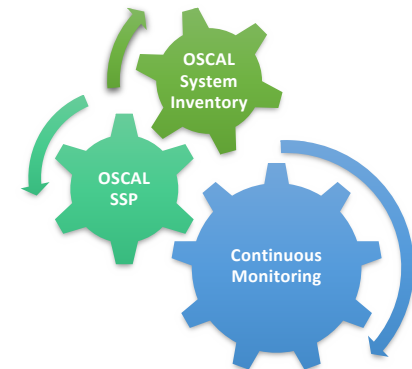
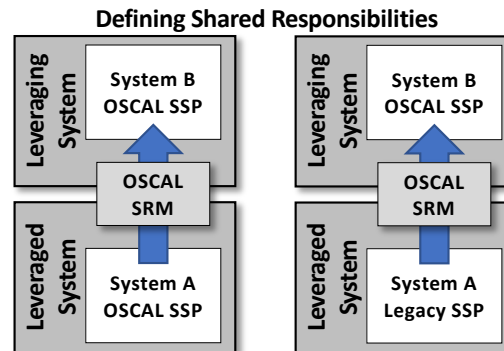
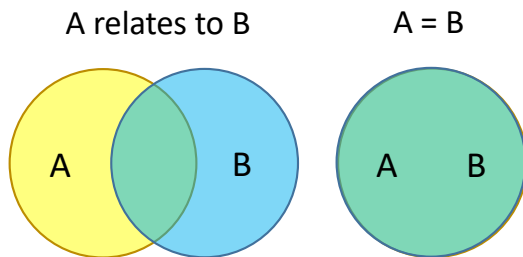
OSCAL Roadmap



OSCAL 1.1.0

Major features in the next OSCAL release

OSCAL 1.1.0 Features



Control Mapping

Support for representing existing and more fine-grained control mappings using OSCAL identifiers.

- Adding mapping support to the OSCAL Catalog model
- Defining a new mapping model for 3rd-party mappings

Shared Responsibility Model

New model for defining shared control implementations and the responsibilities of each system.

- Fine-grained control over shared control implementation details
- Useful for leveraging a system without an OSCAL SSP.

Standalone System Inventory

Providing OSCAL system inventory data separate from the OSCAL SSP supporting continuous assessment.

- Dynamic system inventories for continuous monitoring
- Support different SSP and inventory change intervals

More info: <https://github.com/usnistgov/OSCAL/milestone/9>

OSCAL 1.2.0 and Beyond

Longer-Term Features

Longer-Term Efforts



1 Automated Rules and Tests

Define evaluation goals and automated tests in OSCAL supporting data-driven, automated assessments.

2 System Composition

Identify OSCAL best-practices for addressing complex system deployments consisting of many different independently usable parts.

3 Tutorials and Examples

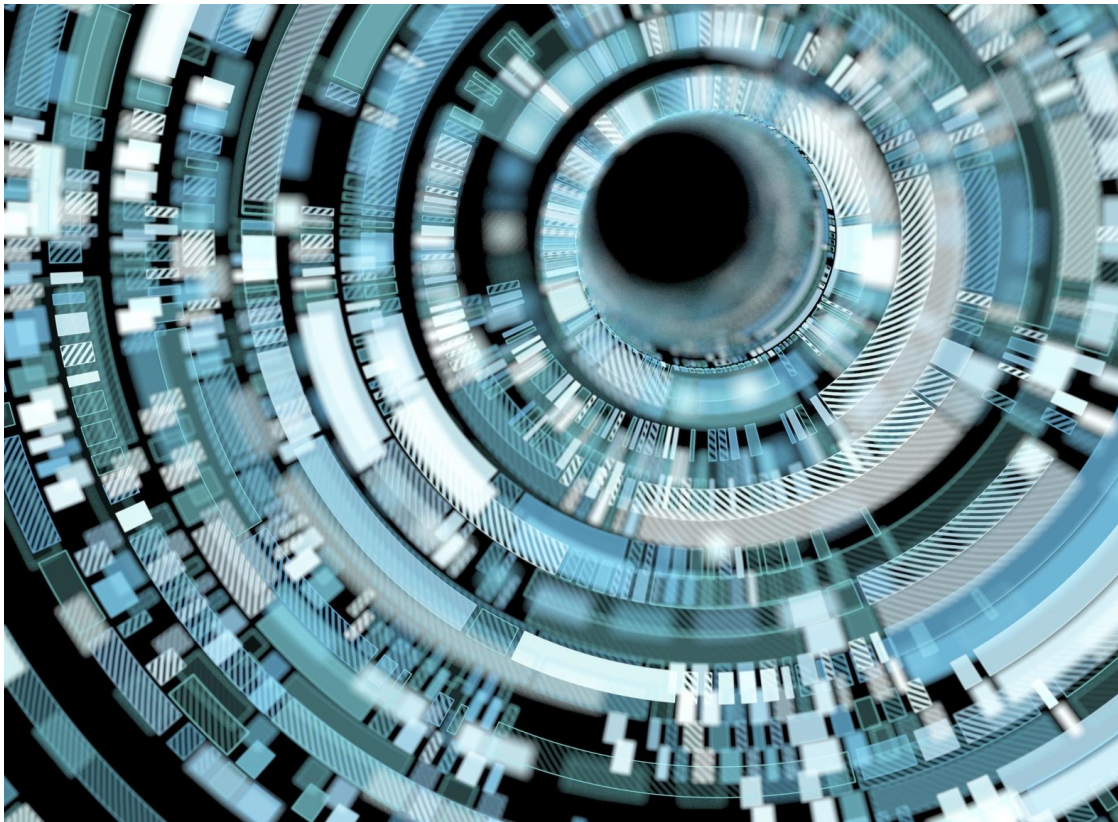
Expand on the available OSCAL tutorials and examples. Illustrate common usage scenarios.

4 Additional Programming APIs

Provide programming language-specific libraries and service interfaces promoting OSCAL adoption and standardized data interchange.

REST API Engineering

NIST



<https://github.com/EasyDynamics/oscal-rest>

We are hosting a meeting to discuss how to further development and standardization of the REST API created by Easy Dynamics.

Please subscribe to oscal-dev@nist.gov by visiting the following link for instructions.

<https://pages.nist.gov/OSCAL/contact/#oscal-mailing-lists>

March 25, 2022
@10:00 AM EDT

How to Contribute?

NIST

OSCAL is a community-driven effort.

Your participation directly impacts OSCAL's success.

<https://github.com/usnistgov/OSCAL>



Integrate support for OSCAL in your tools

Implement OSCAL-based tools in your enterprise.



Contribute to the development of OSCAL on GitHub.

<https://github.com/usnistgov/OSCAL/blob/main/CONTRIBUTING.md>



Attend the bi-weekly community meetings hosted by NIST.

<https://pages.nist.gov/OSCAL/contribute/#community-meetings>

More OSCAL Training

NIST



Based on the feedback from the community, we will host monthly **OSCAL 101 Seminars**

April 20, 2022
@11:00 AM EDT

Questions?



Contact us at: oscal@nist.gov

Chat with us on Gitter: <https://gitter.im/usnistgov-OSCAL/Lobby>

Collaborate with us on GitHub: <https://github.com/usnistgov/OSCAL>

Join our COI meetings: <https://pages.nist.gov/OSCAL/contribute/#community-meetings>

Join our OSCAL Developer List: <https://pages.nist.gov/OSCAL/contact/#oscal-mailing-lists>

Thank you!