

ACORN standardizes and automates the research content creation process to better communicate projects, capabilities, technology and, therefore, the people at ORNL.

CHALLENGE

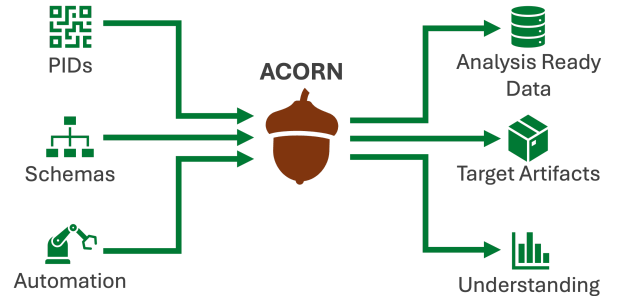
Research project communication mediums should be straightforward and standardized. However, the creation process is often cumbersome, involving multiple editing rounds among different teams. Once created, there is often no version control, stewardship, or central content repository.

APPROACH

- ACORN encompasses a project workflow with automated JSON schema builds, language and structure validation, and GitLab accessibility.
- Through ACORN's automation and collaboration features, teams can maintain accurate, creative, standardized content products and repositories.

IMPACT

- Project owner stewardship of content creation and maintenance
- Communications team end-to-end editorial oversight
- FAIR data standards and governance through sustainable workflow processes



The ACORN workflow helps teams validate and generate research content.

Research Focus

Optimizing research content through scientific processes

- Data governance
- Workflow automation
- Science communication



CONTACT

Jason Wohlgemuth | Primary Investigator | wohlgemuthjh@ornl.gov | 865.576.7658

Oak Ridge National Laboratory is managed by UT-Batelle LLC for the US Department of Energy