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Project Vision

UltraScan

Apache Airavata

Open Governance

Target Architecture

NSG

Project Year 1

More Information

Collaboration

CIPRES

Project Years 2-5

• Release Airavata 1.0 with API based on design documents and community input.
• Design and begin implementing multi-tenanted SciGaP (Airavata 2.0).
• Convert UltraScan to use SciGaP
• Begin conversion of NSG to SciGaP
• Initiate Net+ evaluation

• Airavata is open source software for managing scientific application and workflow executions on remote resources.
  o XSEDE
  o Clouds
  o Local Clusters
  o International resources
• We use Airavata to power science gateways.
• Apache Software Foundation: Beyond Open Source

• Open source projects need developer diversity.
• Need incentives for CI projects to diversify their developer bases.
• How do you govern an open project with diverse stakeholders?
• Our approach: Apache Software Foundation

• Web site: http://scigap.org
• SciGaP Github: https://github.com/SciGaP/
• Apache Airavata: http://airavata.apache.org
• CIPRES: http://www.phylo.org/index.php/portal/
• NSG: http://www.nsgportal.org
• UltraScan: http://www.ultrascan.uthscsa.edu/

• Apache Software Foundation: Beyond Open Source

Software is really open source if you can give back to the project.