

Agenda

- What is ArcGIS Data Reviewer
 - For Desktop
 - For Server
- Architecture overview
- Automated Validation
- Summarize Data Quality
- Validation Results
- Demo
- References/Resources

What is ArcGIS Data Reviewer?

Data Quality Management for ArcGIS

- Provides
 - Rule-based validation
 - Interactive tools
 - Track errors
- For individuals and enterprise
 - Saves time/money
 - Less rework
- For multiple domains
 - Configurable
 - Extendable



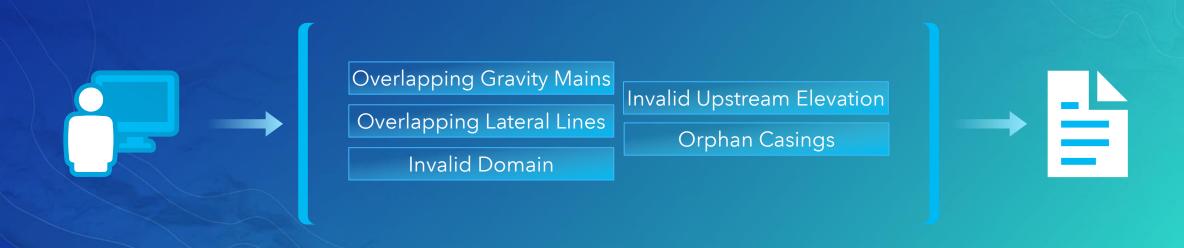
What is ArcGIS Data Reviewer for Server?

- System to support data quality management for ArcGIS
- Automates quality control process
- Monitor and Measure data quality

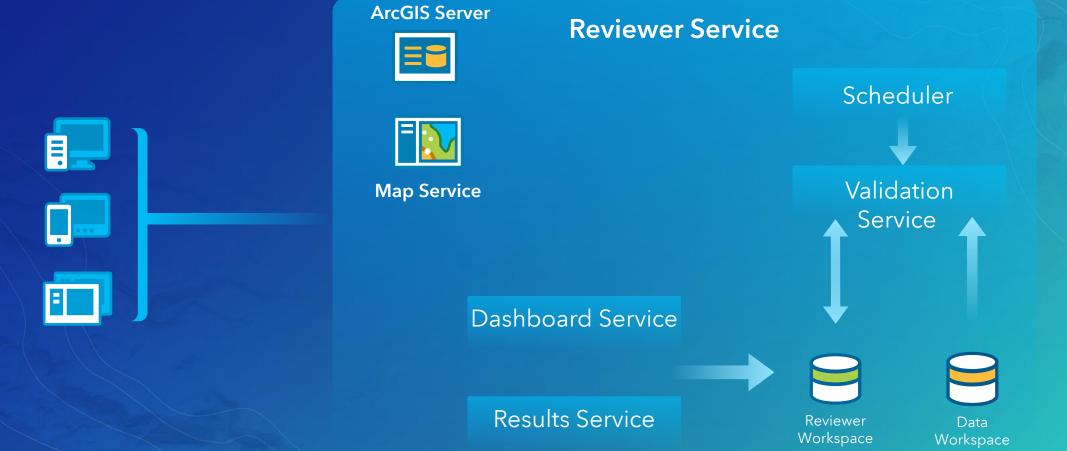


Automated validation

- Rules/Checks are configured on Data Reviewer for Desktop
- Store multiple checks into batch job files.
- Execute batch jobs on Data Reviewer for Server or Desktop



Architecture



Summarize Data Quality

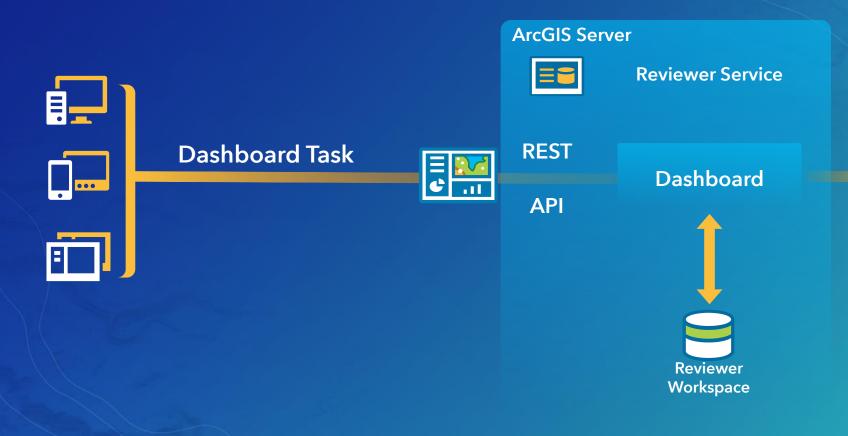
Dashboard

- Provides organizations with status of overall data quality
- Helps stakeholders make informed and accurate decisions
- Interactively summarize results based on different perspectives
- Summaries are derived from validation results





Dashboard



Aggregate By
Check Group
Check Title
Feature Class
Lifecycle Status
Severity
Subtype
Session Id

Custom Field

Validation Results

- Results are records that are stored in Reviewer workspace
- Contains information about a feature or a row which failed QC standard
- Query Results
 - Apply filters
 - Sort/Page



Validation Results - Contd.

- Spatial and non-spatial
- Attributes describe check, problem, and validation information
- Object ID provides link back to feature that failed validation

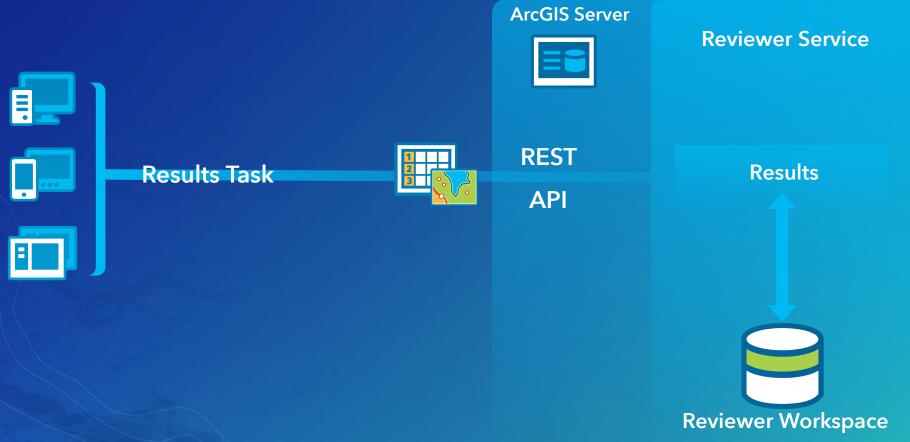






Object Id	Session Id	Checktitle	Resource Name	Check Name	Severity	Review Technician
13009	1	Gravity Main	ssGravityMain	Domain Check	2	testuser
13223	1	Gravity Main	ssGravityMain	Domain Check	2	testuser
13232	1	Gravity Main	ssGravityMain	Domain Check	2	testuser
14575	1	Gravity Main	ssGravityMain	Domain Check	2	testuser
15833	1	Gravity Main	ssGravityMain	Domain Check	2	testuser
1/1982	.1	Gravity Main	ssGravitvMain.	Domain Check	2	testuser

Reviewer Results

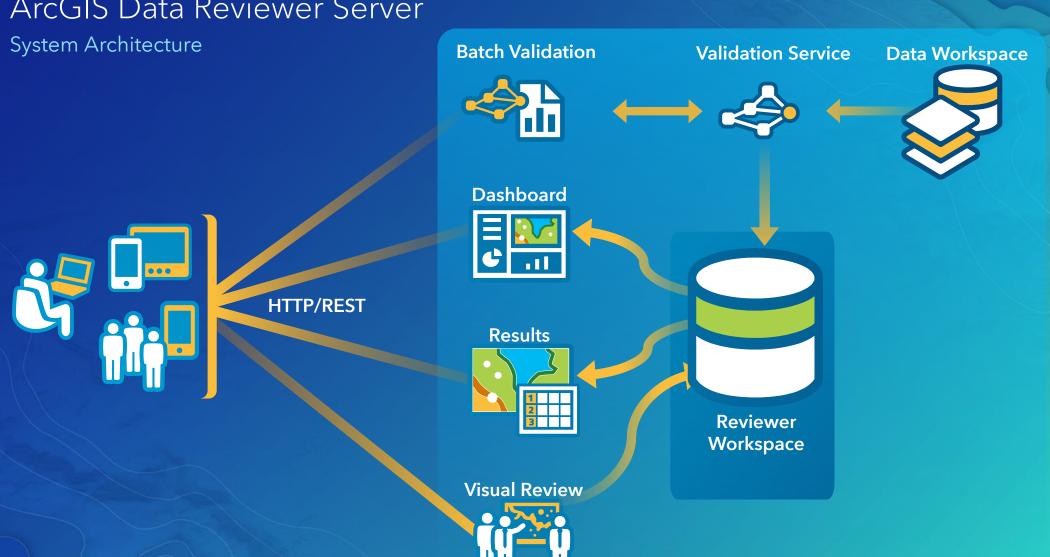








ArcGIS Data Reviewer Server



ArcGIS Data Reviewer

Data quality management in the ArcGIS platform

- Data Reviewer for Desktop
 - ArcGIS Pro
 - ArcMap
- Data Reviewer for Server
 - ArcGIS Server (standard or higher)
- Data Reviewer API
 - JavaScript
 - ArcGIS Pro SDK for Microsoft .NET
- Web AppBuilder for ArcGIS



ArcGIS Data Reviewer

Automate, Simplify, and Improve your Quality Control Process

- Extension to ArcGIS for Desktop and Server
- Supports complete QC process
- Provides
 - Rule based workflows
 - Interactive tools
 - Track errors
- Enables increased efficiencies
- Relevant to multiple domains



Where to start Leveraging templates

- Data Reviewer Templates
 - Electrical utilities
 - Gas utilities
 - Local government
 - Topographic mapping
 - Water resources
 - Water utilities
- Based on Esri industry models
- Use as starting point



- Documentation
 - Desktop (desktop.arcgis.com)



- Documentation
 - Desktop
 - Server (server.arcgis.com)



- Documentation
 - Desktop
 - Server
- Training
 - Assessing Data Quality using ArcGIS Data Reviewer
 - Evaluating Positional Accuracy Using ArcGIS Data Reviewer for Desktop
 - Data QC with ArcGIS: Automating Validation
 - Data QC with ArcGIS: Visual Review
 - Quality Control Using ArcGIS Data Reviewer for Desktop
- GeoNet (geonet.esri.com)
 - Data Reviewer place



Want to learn more this week?

D	ay and Description	Туре	Time	Location
Tuesday, July 11				
ArcGIS Data Reviewer:	An Introduction	Technical Workshop	10:15 - 11:30am	Room 31B
Wednesday, July 12				
ArcGIS Data Reviewer:	An Introduction	Technical Workshop	3:15 - 4:30pm	Room 31B
ArcGIS Data Reviewer:	Integrating Data Validation Capabilities into Web Applications	Demo Theater	3:30 - 4:15pm	Demo Theater 8 Enterprise
ArcGIS Data Reviewer: Web	Implementing Data Quality Reporting in Clients	Demo Theater	4:30 - 5:15pm	Demo Theater 8 Enterprise
Thursday, July 13				
ArcGIS Data Reviewer:	Advanced Data Validation	Technical Workshop	8:30 - 9:45am	Room 31A
ArcGIS Data Reviewer:	Leveraging Geoprocessing for Data Validation	Demo Theater	9:30 - 10:15am	Demo Theater 6 Spatial Data Mgmt
ArcGIS Data Reviewer:	Validating Linear-Referenced Events	Demo Theater	10:30 - 11:15am	Demo Theater 6 Spatial Data Mgmt



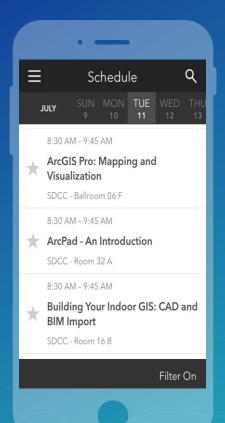
- Documentation
 - Desktop
 - Server
- Training (training.esri.com)
- Assessing Data Quality using ArcGIS Data Reviewer (Seminar)
 - Evaluating Positional Accuracy Using ArcGIS Data Reviewer for Desktop (Seminar)
 - Data QC with ArcGIS: Automating Validation (Web Course)
 - Data QC with ArcGIS: Visual Review (Web Course)
 - Quality Control Using ArcGIS Data Reviewer for Desktop (Instructor-Led)

Please Take Our Survey on the Esri Events App!

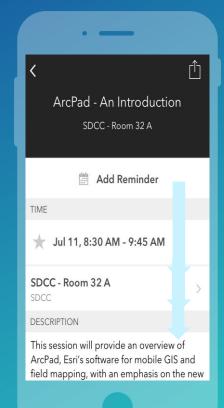
Download the Esri Events app and find your event



Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



