

SAS Data Management on SAS Viya

Focus on September to December roadmaps

Demo – SAS Information Governance

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Roadmap

Data connectivity on SAS Viya highlights

What is out in September

- Salesforce - Bulk API Support
- MySQL - Proc Pushdown support
- MSSQL - MSSQL Big Data Cluster Support
- Spark – Databricks Support on AWS, Azure, GCP
- MongoDB - MongoDB Atlas Support
- Snowflake – Support for Azure AD

What is on its way October - December

- Connectivity to Social Media (yay it's back!)
- Connectivity to Personal Cloud Storage
- Connectivity to ODATA
- DB2 - External Table Loading Technique Support
- Salesforce - Update, Insert, Delete Support
- MongoDB - Cosmos DB Support

[CI/CD release information for data connectivity](#)

SAS Studio

Very short recap

- A wealth of data management & analytics capabilities at your fingertips
- Satisfies need to build modern agile data pipelines in a cloud-native env.
- Work as you like - Code, low code, flow approach
- 3 sizes: Small (Basic), Medium (Analyst), Large (Engineer)

Roadmap

SAS Studio on SAS Viya highlights

What is out in September

- Calculate Column Step
- Improvements for controls when building Custom Steps
- Migration EG - Query to Query
- SAS Studio Flow integration with SAS Information Catalog and SAS Lineage Viewer
- Color-coded editor for editing new or existing Python programs (*.py). With the Python code editor, you can write, run, and save Python programs without explicitly using PROC PYTHON.
- PROC PYTHON released in August to run Python statements in a SAS Session

What is on its way October - December

- Python Program Step
- Table Step w. CAS promote & persist
- Sticky notes on Steps and flows
- Migration EG – Dotted line support
- Custom Step improvements
- Integrate Decisions Step (made with SAS Intelligent Decisioning) – first Engineer capability!!

[SAS Studio Release information - January to now](#)

A long line of fabulous capabilities are pushing their way to the finish line in 2022+!

Roadmap

Data Quality & Governance on SAS Viya highlights

The screenshot displays the SAS Information Catalog interface. The top navigation bar includes the SAS logo, 'SAS Information Catalog', a version dropdown menu (2021.1.1 - 2021.1.5), and links for PDF, EPUB, Feedback, and a menu icon. The left sidebar shows a 'Welcome' section and a 'What's New' section with a list of releases: 2021.1.5 (September 2021), 2021.1.4 (August 2021), 2021.1.3 (July 2021), 2021.1.2 (June 2021), 2021.1.1 (May 2021), 2020.1.5 (April 2021), 2020.1.4 (March 2021), and 2020.1.3 (February 2021). The main content area is titled 'Welcome to SAS Information Catalog' and contains a paragraph about the catalog's purpose. Below this, there are three columns: 'Examples' (Search for Assets and Examine Them), 'Using the Catalog' (Search for Assets Indexed in the Catalog, Review Assets Returned from a Search, Drill Down into the Details for an Asset, Build Collections of Recent and Favorite Searches), and 'Advanced Features' (Features Available with SAS Information Governance).

SAS Information Catalog enables you to capture and enrich metadata for files, tables, and other information assets. This metadata is stored in a catalog. You can search the catalog to find assets that you need to meet your business goals.

Examples

- Search for Assets and Examine Them

Using the Catalog

- Search for Assets Indexed in the Catalog
- Review Assets Returned from a Search
- Drill Down into the Details for an Asset
- Build Collections of Recent and Favorite Searches

Advanced Features

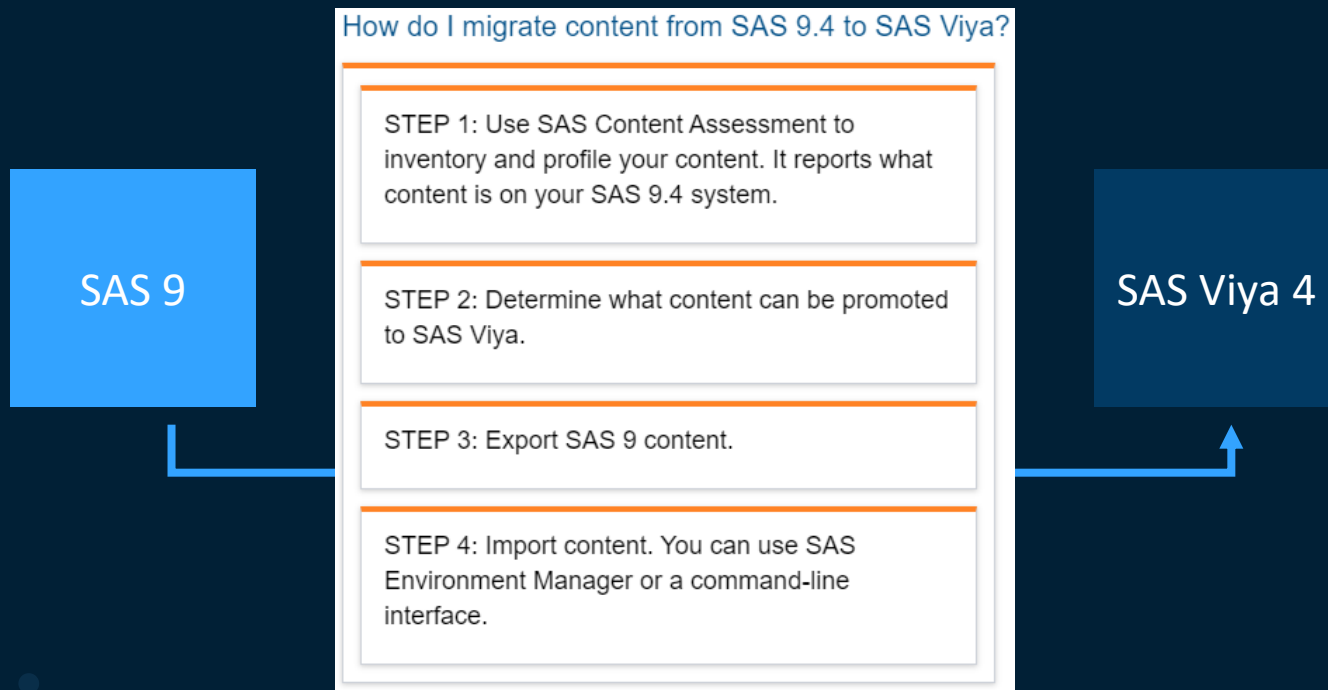
- Features Available with SAS Information Governance

[Latest news on YouTube](#) (approx 13 minutes into the video)

[CI/CD Release information](#)

Migration scenarios

Steps to migrate from SAS 9 to SAS Viya 4



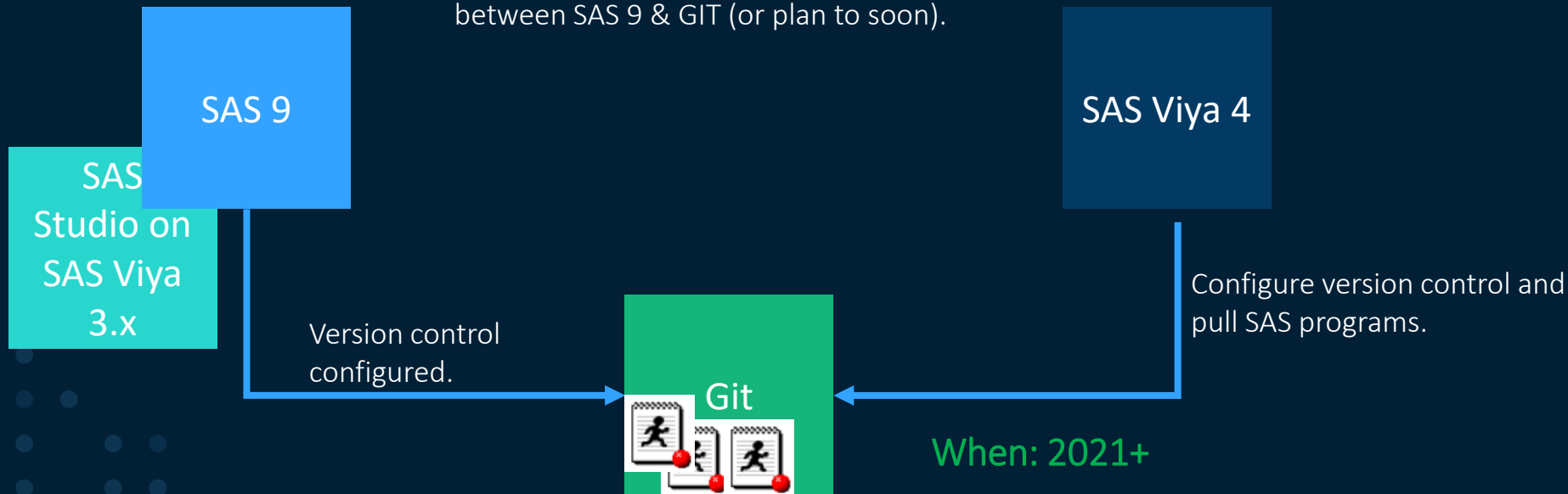
Full-System Migration and Content Migration

Migration scenarios

Migrating SAS programs from SAS 9 to SAS Viya 4 – an easy alternative

Scenario 1

- You have many user written SAS programs
- You have implemented version control between SAS 9 & GIT (or plan to soon).



Migration scenarios

Migrating from SAS Viya 3.x to SAS Viya 4

Scenario 2

- You have SAS Viya 3.5 content
 - SAS Visual Analytics content
 - SAS Model Studio content
 - ...

SAS Viya 3.x

SAS Viya 4

How do I migrate content from SAS Viya 3.x to SAS Viya 4?

STEP 1: Determine what content can be promoted.

STEP 2: Export content.

STEP 3: Import content. You can use SAS Environment Manager or a command-line interface.

When: 2021+

Migration steps

Learn more about migration to SAS Viya 4

- [Full-System Migration and Content Migration](#)
- [SAS Global Migration Framework YouTube](#)
- [Content Assessment YouTube](#)
- [Content Assessment Documentation](#)
- [Non Administrator Access to Content Migration in SAS Viya](#)
- [Go with the flow; migrating Enterprise Guide Projects to SAS Studio Flows](#)