



SAS® 9.4 nach SAS® Viya: Migration von Enterprise Guide Projekten

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Plattform Netzwerktreffen |

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SAS 9 Content Assessment hilft SAS Kunden ihre SAS 9.4 Umgebung zu verstehen

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- ```
graph TD; 1[SAS 9 Inventory] --- 2[SAS 9 Profile]; 2 --- 3[SAS 9 Gather SAS Code]; 3 --- 4[SAS 9 Code Check]; 4 --- 5[SAS 9 Code Check for Internationalization]; 5 --- 6[SAS 9 Publish]; 6 --- 7[SAS 9 Summarize SAS Log Steps]; 7 --- 8[SAS 9 System Evaluation]
```
- 1 **SAS 9 Inventory**  
Counts and collects data about what exists on the SAS 9 system.
  - 2 **SAS 9 Profile**  
Provides details about selected SAS artifacts.
  - 3 **SAS 9 Gather SAS Code**  
Collects and organizes SAS code from artifacts for Code Check.
  - 4 **SAS 9 Code Check**  
Validates that code will migrate to SAS Viya.
  - 5 **SAS 9 Code Check for Internationalization**  
Finds internationalization (I18N) issues in SAS programs.
  - 6 **SAS 9 Publish**  
Prepares results for reporting.
  - 7 **SAS 9 Summarize SAS Log Steps**  
Summarizes SAS 9 log steps to analyze SAS Code for optimization when used in SAS Viya.
  - 8 **SAS 9 System Evaluation**  
Analyzes SAS 9.4 system and configuration details to identify known deployment issues.



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# SAS 9 Profile

Editing

## SAS 9 Profile for SAS Enterprise Guide



Select a deployment to filter the report Search Enterprise Guide Projects

Deployment

Enter Search Value...



Overview

Project Timeline

Project Locations

User Activity

Migration Concerns

Conversion Notes

Get more report details

Advanced: Project Element Summary

Advanced: Enterprise Guide Task Elements

Advanced: Code Elements

Advanced: Search Table

Advanced: Co... >

### How many projects have at least one migration concern?

Select one, or more, migration issues from the list on the left to see the projects with migration concerns.  
Then select one, or more, projects with migration concerns to filter the tables at the bottom.

Project Count

1

Most Enterprise Guide projects will migrate. However, some elements are not yet converted during migration. Review the [conversion notes](#) for more information.

#### Migration Issues

Links

Run Node First

#### Projects with Migration Concerns

| Migration Issue | Project Name | Project Location                                                                    |
|-----------------|--------------|-------------------------------------------------------------------------------------|
| Links           | steg02d0x    | /sas/install/SAS9ContentAssessment.2022.1.4.lax/assessment/egprojects/steg02d0x.egp |
| Run Node First  | steg02d0x    | /sas/install/SAS9ContentAssessment.2022.1.4.lax/assessment/egprojects/steg02d0x.egp |

< Project and Element Artifacts with Migration Issues

Prompts in a Project >

| Element Label                          | Project Name | Conditional Processing in Project | Cube Reference | Information Map in Project | Name of Element Linked From | Name of Element Linked To           | Query Uses Explicit Pass Through | Run Node First |
|----------------------------------------|--------------|-----------------------------------|----------------|----------------------------|-----------------------------|-------------------------------------|----------------------------------|----------------|
| LinktoImportPopulationChangeCategories | steg02d0x    | False                             |                | False                      | Note                        | Import Population Change Categories |                                  | 0              |
| JoinforCategoriesperRegionandState     | steg02d0x    | False                             |                | False                      |                             |                                     |                                  | 1              |

# Modernisierung bedeutet nicht 1:1 Migration

SAS stellt aber sicher, dass der relevante Inhalt von SAS 9.4 in SAS Viya weiterläuft



Administrator

1 PLAN



2 PREPARE



3 MIGRATE



4 VALIDATE

Administrator

1 PLAN

2 PREPARE

3 MIGRATE

4 VALIDATE

SAS Enterprise Guide user

NOTES TO NOTES



SAS Viya user

CODE TO CODE



TASKS TO CODE



TASKS TO STEPS



# Enterprise Guide Migration nach SAS Viya 4

was wird migriert, was nicht, wo muss man nacharbeiten?



## Links

Check flow order.



## Transitioning

Make necessary modifications.



## No longer supported

Task imports,  
but the code  
does not run.



## Ignored

Task is  
completely  
ignored.

# Enterprise Guide Migration nach SAS Viya

ist nichts statisches, entwickelt sich permanent weiter

- Entwicklung von SAS Studio Flow Steps analog zu EG Tasks (like to like)
  - Status siehe Data Management Roadmap „Programming and Flow Domain“
- Kunden CAT Ergebnisse steuern die Migrations Prioritäten
- Viya Metadaten werden aus den Daten und Steps erstellt
  - manche migrierte EG Projekte müssen von links nach rechts, Step bei Step einmal ausgeführt und gespeichert werden.

A professional office setting where four people are gathered around a computer monitor. A man in a white shirt is pointing at the screen, while others look on attentively. The scene is overlaid with a dark blue rectangular area containing the title text.

# Demo - Migration EG Projekte nach SAS Studio Flow



# Angepasste Kurse und Workshops

Migration Enterprise Guide → SAS Studio

## Neue SAS Studio Anwender

Building SAS Studio Flows  
in SAS Viya  
**(1 day)**

## bestehende EG Users

Comparison EG with SAS  
Studio  
(Slides / 30 mins)

Building SAS Studio Flows  
in SAS Viya  
**(1 day)**

## SAS Programmierer

SAS Studio for SAS  
Analytics Pro  
(0.5 day)

Programming for SAS®  
Viya®  
**(1 day)**

## Power Users

Comparison EG with SAS  
Studio  
(Slides / 30 mins)

Building SAS Studio Flows  
in SAS Viya  
**(1 day)**

## Migration Specialists

Transitioning to SAS  
Studio Flows from SAS  
Enterprise Guide projects  
**(0.5 days)**

Developing Custom Steps  
with SAS® Studio Analyst  
**(1 day)**

Fragen ??  
Feedback ??



# Links zum Content Assessment & SAS Studio

- <https://blogs.sas.com/content/sgf/2021/07/23/how-to-use-the-sas-9-content-assessment-tool/>
- [SAS Training in Deutschland -- Transitioning SAS® Enterprise Guide® Projects to SAS® Studio Flows](#)
- [SAS Tutorial | Getting Started with SAS Studio on SAS Viya - YouTube](#)